

**State of Delaware**  
**Department of Natural Resources and Environmental Control**  
**Division of Air Quality**

Blue Hen Corporate Center  
655 S. Bay Road, Suite 5N  
Dover, DE 19901

**7 DE Admin. Code 1130 (Title V) Operating Permit**  
**Facility I.D. Number: 1000500004**  
**Permit Number: AQM-005/00004 (Renewal 2)(Revision 2)**

Effective Date: January 2, 2009

Expiration Date: January 2, 2014

Renewal Application Due Date: January 2, 2013

Pursuant to 7 **Del. C.**, Ch 60, Section 6003 and 7 **DE Admin. Code** 1102, Section 2.0 and 7 **DE Admin. Code** 1130, Section 7.2, approval by the Department of Natural Resources and Environmental Control ("Department") is hereby granted to operate the emission units listed in Condition 1 of this permit subject to the terms and conditions of this permit.

This approval is granted to:

<b>Permittee/Owner</b> (hereafter referred to as "Company/Owner")	<b>Operator</b> (hereafter referred to as "Operator")
Mountaire Farms of Delaware, Inc. P.O. Box 1320 Millsboro, DE 19966 Responsible Official: Paul Downes Title: President	Mountaire Farms of Delaware, Inc. P.O. Box 1320 Millsboro, DE 19966
<b>Plant Site Location</b> (hereafter referred to as "Facility") Mountaire Farms of Delaware, Inc.	<b>Plant Mailing Address</b> Mountaire Farms of Delaware, Inc.
29106 John J. Williams Hwy. Millsboro, DE 19966	P.O. Box 1320 Millsboro, DE 19966

The nature of business of the Facility is Poultry Slaughter Processing. The Standard Industrial Classification code is 2015. The North American Industry Classification System code is 311615.

Melanie A. Smith, P.E. / Date  
Engineer  
Engineering & Compliance Branch  
(302) 492-3758 or (302) 739-9402

Paul E. Foster, P.E. / Date  
Program Manager  
Engineering & Compliance Branch  
(302) 323-4542

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## **Condition 1- Emission Unit Identification**

*[Reference Regulation No. 30 Section 3(c) dated 11/15/93]*

### **a. Emission Units Information.**

<b>Emission Units</b>	<b>Emission Unit Description</b>
Emission Unit 1	Boiler 1- Cleaver Brooks CBLE-800-150ST, 32.659 MMBTU/hr; fired on natural gas
Emission Unit 2	Boiler 2- Cleaver Brooks CBLE-800-150ST, 32.659 MMBTU/hr; fired on natural gas
Emission Unit 3	Boiler 7- Babcock & Wilcox, 69.0 MMBTU/hr; fired on No. 6 fuel oil
Emission Unit 6	Dryer 2- Brock BCT3500 Grain Dryer, 37.727 MMBTU/hr; fired on propane
Emission Unit 7	Dryer 5- Myer MT4700 Grain Dryer, 47.5 MMBTU/hr; fired on propane
Emission Unit 9	Receiving Pit 1- Grain; 124RA10 Rolfes baghouse (reverse air) control
Emission Unit 10	Receiving Pit 2- Grain; 124RA10 Rolfes baghouse (reverse air) control
Emission Unit 11	Receiving Pit 3- Grain; 168-S-10 TRH Mikropul baghouse (pulse jet) control
Emission Unit 12	Feed Ingredient Receiving; Feed Ingredients and Additives; Air Lanco Model 124RLP10 reverse air baghouse
Emission Unit 27-I	Storage Tank- No. 6 fuel oil; 30,000 gallons
Emission Unit 28-I	Storage Tank- No. 2 fuel oil; 20,000 gallons
Emission Unit 29-I	Storage Tank- No. 2 fuel oil; 20,000 gallons
Emission Unit 52	Storage Tank- gasoline; 10,000 gallons
Emission Unit 53	Hammermill- 120 MWP 6868 MAC baghouse (reverse air) control
Emission Unit 54	Pellet Cooler 1- 300 HP (electric), multiple (four (4) stage) cyclone control
Emission Unit 55	Pellet Cooler 2- 250 HP (electric), multiple (two (2) stage) cyclone control
Emission Unit 56	Batching Bin Filter/Pneumatic Receiving- 24 RJ 60 MAC baghouse (reverse air) control
Emission Unit 60-I	Hatchery Generator- 540 HP (350 kW) Cummins Model KTA 1150 GS1, fired

<b>Emission Units</b>	<b>Emission Unit Description</b>
	on diesel (No. 2) fuel oil
Emission Unit 61-I	Poultry Plant 1 (Wastewater) Generator- 490 HP (300 kW) Kohler Model 300REOZDD (Tier 3), fired on diesel (No. 2) fuel oil
Emission Unit 62-I	Poultry Plant 2 (Picking) Generator- 90 HP (55 kW) John Deere TO4039T338577; fired on diesel (No. 2) fuel oil
Emission Unit 63-I	Emergency Fire Pump- 360 HP Cummins 155-1P; fired on diesel (No. 2) fuel oil
Emission Unit 73-I	Storage Tank, No. 2 fuel oil, 3000 gallons
Emission Unit 74-I	Storage Tank, No. 2 fuel oil, 10,000 gallons
Emission Unit 75-I	Storage Tank, No. 2 fuel oil, 30,000 gallons
Emission Unit 76-I	Storage Tank, No. 2 fuel oil, 3000 gallons
Emission Unit 77	One (1) Hatchery Generator- 1005 HP (750 kW) Cummins Model QST30-G1, fired on diesel (No. 2) fuel oil
Emission Unit 78-I	One (1) Administration Building Generator- 268 HP (200 kW) Kohler Model 200REOZP, fired on diesel (No. 2) fuel oil
Insignificant Activities	(2) Hatchery Boilers- 1.38 MMBTU/hr, fired on No. 2 fuel oil
	(18) Hatchery HVAC Units- 0.36- 0.48 MMBTU/hr, fired on propane

**b. Regulation No. 1102 Permit Identification.**

This table identifies the underlying permits whose provisions have been incorporated into this Title V permit and specifies the reference number that will be used to identify the source of the underlying permit condition throughout this Title V permit.

<b>Reference Number</b>	<b>Full Regulation No. 1102 Permit Designation</b>
APC-2010/0082	APC-2010/0082-CONSTRUCTION (NOx RACT)(NSPS), Emission Unit 1, Boiler 1; rated heat input of 32.659 MMBTU/hr, fired on natural gas
APC-2010/0083	APC-2010/0083-CONSTRUCTION (NOx RACT)(NSPS), Emission Unit 2, Boiler 2; rated heat input of 32.659 MMBTU/hr, fired on natural gas
APC-81/0878	APC-81/0878-CONSTRUCTION- Boiler 7, Amendment 1 dated June 22, 1998 Boiler 7- Installation of low NOx burner technology with low excess air and including Over Fire Air, on Babcock & Wilcox residual oil fired Boiler 7 with a rated heat input of 69 MMBTU/hr
APC-2006/0174	APC-2006/0174-OPERATION- Emission Unit 7 Grain Dryer 5, dated September 29, 2006 Emission Unit 7 Grain Dryer 5- Myer Model MT4700, 4,700 bushels/hr
APC-2008/0160	APC-2008/0160-OPERATION- Emission Unit 6 Grain Dryer 2, dated July 3, 2008 Emission Unit 6 Grain Dryer 2- Brock BCT3500, 3,562 bushels/hr
APC-87/020	APC-87/020-OPERATION (Amendment 2) dated February 2, 2001 Rolfes baghouse on the Grain Handling System No. 1
APC-87/021	APC-87/021-OPERATION (Amendment 2) dated February 2, 2001 Rolfes baghouse on the Grain Handling System No. 2
APC-84/825	APC-84/825-OPERATION, dated October 15, 1985

Reference Number	Full Regulation No. 1102 Permit Designation
	Scrubber and dual condenser system in the bleaching and deodorization plant for soybean oil processing
APC-84/821	APC-84/821-OPERATION, dated October 15, 1985 MAC dust filter (baghouse) on the clay storage tank
APC-03/0251	APC-03/0251-CONSTRUCTION dated April 25, 2003 Emergency Generator- 1005 HP, 750 kW, Cummins QST30-G1, fired on No. 2 fuel oil
APC-80/1290, APC-80/1291, APC-83/036, APC-87/020 & APC-87/021: all dated 2/2/01	APC-80/1290-OPERATION (Amendment 2), APC-80/1291-OPERATION (Amendment 2), APC-83/036-OPERATION (Amendment 2), APC-87/020-OPERATION (Amendment 2), APC-87/021-OPERATION (Amendment 2): Receiving Pit 1- corn; 124RA10 Rolfes baghouse (reverse air) control Receiving Pit 2- soybeans; 124RA10 Rolfes baghouse (reverse air) control Receiving Pit 3- soybeans; 168-S-10 TRH Mikropul baghouse (reverse jet) control Feed Ingredient Receiving- feed ingredients and additives; MCF-253-14D MAC baghouse (pulse jet) control Hammermill- 120 MWP 6868 MAC baghouse (reverse air) control Pellet Cooler 1- 300 HP (electric), multiple (four (4) stage) cyclone control Pellet Cooler 2- 250 HP (electric), multiple (two (2) stage) cyclone control Batching Bin Filter/Pneumatic Receiving- 24 RJ 60 MAC baghouse (reverse air) control
APC-2010/0047	APC-2010/0047-CONSTRUCTION (FE), Emission Unit 12, Feed Ingredient Receiving- feed ingredients and additives; Air Lanco 124RLP10 reverse air baghouse
APC-2010/0049	APC-2010/0049-CONSTRUCTION (FE), Emission Unit 61-I, Poultry Plant 1 (Wastewater) Emergency Generator; 490 HP, 300 kW Kohler 300REOZDD (Tier 3), fired on No. 2 fuel oil

## **Condition 2 - General Requirements**

### **a. Certification.**

1. Each document submitted to the Department/EPA as required by this permit shall be certified by a Responsible Official as to truth, accuracy, and completeness. Such certification shall be signed by a Responsible Official and shall contain the following language: "I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete." [Reference Regulation No. 30 Section 5(f) dated 11/15/93 and 6(c)(1) dated 12/11/00]
2. Any report of deviations required under Conditions 3(c)(2)(ii) or 3(c)(2)(iii) that must be submitted to the Department within ten calendar days of discovery of the deviation, may be submitted in the first instance without a certification provided a certification meeting the requirements of Condition 2(a)(1) is submitted to the Department within ten calendar days

**Condition 2 – General Requirements (Cont.)**

thereafter, together with any corrected or supplemental information required concerning the deviation. *[Reference Regulation No. 30 Section 6(a)(3)(iii)(D) dated 12/11/00]*

3. Each document submitted to the Department/EPA pursuant to this permit shall be sent to the following addresses except as noted in Condition 2(a)(4):

State of Delaware – DNREC Division of Air Quality Blue Hen Corporate Center 655 South Bay Road, Suite 5N Dover, DE 19901 ATTN: Program Administrator	United States Environmental Protection Agency Associate Director of Enforcement (3AP12) 1650 Arch Street Philadelphia, PA 19103
No. of Originals: <b><u>1</u></b> & No. of Copies: <b><u>1</u></b>	No. of Copies: <b><u>1</u></b>

4. In lieu of submitting a physical copy of the Compliance Certification report specified in Condition 3(c)(3) of this permit to the EPA, the Owner and/or Operator may, and is encouraged to, submit an electronic copy of the report to [R3\\_APD\\_PERMITS@epa.gov](mailto:R3_APD_PERMITS@epa.gov) as a PDF document. The signed original annual General Certification report must be submitted to the Department at the address in Condition 2(a)(3).

**b. Compliance.**

1. The Owner and/or Operator shall comply with all terms and conditions of this permit. Any noncompliance with this permit constitutes a violation of the applicable requirements under the Clean Air Act, and/or the State of Delaware "Regulations Governing the Control of Air Pollution," and is grounds for an enforcement action; for permit termination, revocation, and reissuance or modification; or for denial of a permit renewal. *[Reference Regulation No. 30 Section 6(a)(7)(i) dated 12/11/00]*
2.
  - i. For applicable requirements with which the source is in compliance, the Owner and/or Operator shall continue to comply with such requirements. *[Reference Regulation No. 30 Sections 5(d)(8)(iii)(A) dated 11/15/93 and 6(c)(3) dated 12/11/00]*
  - ii. For applicable requirements that will become effective during the term of this permit, the Owner and/or Operator shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement. *[Reference Regulation No. 30 Sections 5(d)(8)(iii)(B) dated 11/15/93 and 6(c)(3) dated 12/11/00]*
3. Nothing in Condition 2(b)(1) of this permit shall be construed to preclude the Owner and/or Operator from making changes consistent with Condition 2(m)(3) **[Minor Permit Modifications]** or Condition 4(a) **[Operational Flexibility]**. *[Reference Regulation No. 30 Sections 6(h) dated 12/11/00 and 7(e)(1)(v) dated 12/11/00]*
4. The fact that it would have been necessary to halt or reduce an activity in order to maintain compliance with the terms and conditions of this permit shall not constitute a defense for the Owner and/or Operator in any enforcement action. Nothing in this permit shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in assessing penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations. *[Reference Regulation No. 30 Section 6(a)(7)(ii) dated 12/11/00]*
5. The Owner and/or Operator may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency or malfunction if both the record

**Condition 2 – General Requirements (Cont.)**

keeping requirements in Condition 3(b)(2)(iii) and the reporting requirements in Condition 3(c)(2)(ii)(A) are satisfied. *[Reference Regulation No. 30 Section 6(g)(2) dated 12/11/00]*

6.

- i. In any enforcement proceeding, the Owner and/or Operator seeking to establish the occurrence of an emergency or malfunction has the burden of proof. *[Reference Regulation No. 30 Section 6(g)(4) dated 12/11/00]*
- ii. The provisions of Regulation No. 30 pertaining to Emergency/Malfunctions as defined in Conditions Nos. 2(b)(5); 2(b)(6); 3(b)(2)(iii); and 3(c)(2)(ii)(A) of this permit are in addition to any emergency or malfunction provision contained in any applicable requirement. *[Reference Regulation No. 30 Section 6(g)(5) dated 12/11/00]*

7. *Reserved*

8. If required, the schedule of compliance in Condition 5 of this permit is supplemental to and shall not sanction noncompliance with the applicable requirements upon which it is based. *[Reference Regulation No. 30 Section 5(d)(8)(iii)(C) dated 11/15/93]*
9. Nothing in this permit shall be interpreted to preclude the use of any credible evidence to demonstrate noncompliance with any term of this permit. *[Reference 62 FR 8314 dated 2/24/97]*
10. All terms and conditions of this permit are enforceable by the Department and by the U.S. Environmental Protection Agency ("EPA") unless specifically designated as "State Enforceable Only" *[Reference Regulation No. 30 Section 6(b)(1) dated 12/11/00]*

- c. **Confidentiality.** The Owner and/or Operator may make a claim of confidentiality for any information or records submitted to the Department. However, by submitting a permit application, the Owner and/or Operator waives any right to confidentiality as to the contents of its permit, and the permit contents will not be entitled to protection under 7 Del. C., Chapter 60, Section 6014. *[Reference Regulation No. 30 Sections 5(a)(4) dated 11/15/93, 6(a)(3)(iii)(E) dated 12/11/00, and 6(a)(7)(v) dated 12/11/00]*

1. Confidential information shall meet the requirements of 7 Del. C., Chapter 60, Section 6014, and 29 Del. C., Chapter 100. *[Reference Regulation No. 30 Section 5(a)(4) dated 11/15/93]*
2. If the Owner and/or Operator submits information to the Department under a claim of confidentiality, the Owner and/or Operator shall also submit a copy of such information directly to the EPA, if the Department requests that the Owner and/or Operator do so. *[Reference Regulation No. 30 Section 5(a)(4) dated 11/15/93]*

- d. **Construction, Installation, or Alteration.** The Owner and/or Operator shall not initiate construction, installation, or alteration of any equipment or facility or air contaminant control device which will emit or prevent the emission of an air contaminant prior to submitting an application to the Department under Regulation No. 1102, and, when applicable, Regulation No. 1125, and receiving approval of such application from the Department; except as exempted in the State of Delaware Regulation No. 1102 Section 2.2. *[Reference Regulation No. 1102 Section 2.1 dated 6/1/97 and Regulation No. 30 Section 7(b)(3) dated 12/11/00]*

- e. **Definitions/Abbreviations.** Except as specifically provided for below, for the purposes of this permit, terms used herein shall have the same meaning accorded to them under the applicable requirements of the Clean Air Act and the State of Delaware "**Regulations Governing the Control of Air Pollution.**"

1. "Act" means the Clean Air Act, as amended by the Clean Air Act Amendments of November 15, 1990, 42 U.S.C. 7401 et seq. *[Reference Regulation No. 30 Section 2 dated 11/15/93]*

**Condition 2 – General Requirements (Cont.)**

2. "AP-42" means the Compilation Of Air Pollutant Emission Factors, Fifth Edition, AP-42, dated January 15, 1995, as amended with Supplements "A" dated February 1996, "B" dated November 1996, "C" dated November 1997, "D" dated August 1998, "E" dated September 1999, and "F" dated September 2000 and the December 2001 update, the December 2002 update and the December 2003 update.
3. "CFR" means Code of Federal Regulations.
4. "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the sources, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference Regulation No. 30 Section 6(g)(1) dated 12/11/00]*
5. "Malfunction" means any sudden and unavoidable failure of air pollution control equipment or of a process to operate in a normal or usual manner, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the malfunction. A malfunction shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference Regulation No. 30 Section 6(g)(1) dated 12/11/00]*
6. "Number 2 fuel oil" and "No. 2 fuel oil" means distillate oil.
7. "Reg." and "Regulation" mean State of Delaware **"Regulations Governing the Control of Air Pollution."**
8. **"Regulations Governing the Control of Air Pollution"** means the codification of those regulations enacted by the Delaware Department of Natural Resources and Environmental Control, in accordance with 7 Del. C., Chapter 60, Section 6010.

**f. Duty to Supplement**

1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the Owner and/or Operator shall promptly submit to the Department such supplementary facts or corrected information. *[Reference Regulation No. 30 Section 5(b) dated 11/15/93]*
2. The Owner and/or Operator shall promptly submit to the Department information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to the release of a corresponding draft permit. *[Reference Regulation No. 30 Section 5(b) dated 11/15/93]*
3. The Owner and/or Operator shall furnish to the Department, upon receipt of a written request and within a reasonable time specified by the Department:
  - i. Any information that the Department determines is reasonable necessary to evaluate or take final action on any permit application submitted in accordance with Condition 2(l) or 2(m) of this permit. The Owner and/or Operator may request an extension to the deadline the Department may impose on the response for such information. *[Reference Regulation No. 30 Section 5(a)(2)(iii) dated 11/15/93]*
  - ii. Any information that the Department requests to determine whether cause exists to modify, terminate, or revoke this permit, or to determine compliance with the terms and conditions of this permit. *[Reference Regulation No. 30 Section 6(a)(7)(v) dated 12/11/00]*



**Condition 2 – General Requirements (Cont.)**

iii. Copies of any records required to be kept by this permit. *[Reference Regulation No. 30 Section 6(a)(7)(v) dated 12/11/00]*

- g. **Emission Trading.** No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. *[Reference Regulation No. 30 Section 6(a)(9) dated 12/11/00]*
- h. **Fees.** The Owner and/or Operator shall pay fees to the Department consistent with the fee schedule established by the Delaware General Assembly. *[Reference Regulation No. 30 Section 6(a)(8) dated 12/11/00 and Section 9 dated 11/15/93]*
- i. **Inspection and Entry Requirements.** Upon presentation of identification, the Owner and/or Operator shall allow authorized officials of the Department to perform the following:
1. Enter upon the Owner and/or Operator's premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located. *[Reference Regulation No. 30 Section 6(c)(2)(i) dated 12/11/00]*
  2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit. *[Reference Regulation No. 30 Section 6(c)(2)(ii) dated 12/11/00]*
  3. Inspect, at reasonable times and using reasonable safety practices, any facility, equipment (including monitoring and air pollution control equipment), practice, or operation regulated or required under this permit. *[Reference Regulation No. 30 Section 6(c)(2)(iii) dated 12/11/00]*
  4. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement. *[Reference Regulation No. 30 Section 6(c)(2)(iv) dated 12/11/00]*
- j. **Permit and Application Consultation.** The Owner and/or Operator is encouraged to consult with Department personnel before submitting an application or, at any other time, concerning the operation, construction, expansion, or modification of any installation, or concerning the required pollution control devices or system, the efficiency of such devices or system, or the pollution problem related to the installation. *[Reference Regulation No. 30 Section 5(a)(1)(vii) dated 11/15/93]*
- k. **Permit Availability.** The Owner and/or Operator shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request. *[Reference Regulation No. 1102 Section 8.1 dated 6/1/97]*
- l. **Permit Renewal.** This permit expires on *<maximum is no more than the issue date plus 5 years>* except as provided in Condition 2(l)(3) below. *[Reference Regulation No. 30 Section 6(a)(2) dated 12/11/00]*
1. Applications for permit renewal shall be subject to the same procedural requirements, including those for public participation, affected state comment, and EPA review, that apply to initial permit issuance under Regulation No. 30 Section 7(a), except that an application for permit renewal may address only those portions of the permit that the Department determines require revision, supplementing, or deletion, incorporating the remaining permit terms by reference from the previous permit. The Department may similarly, in issuing a draft renewal permit or proposed renewal permit, specify only those portions that will be revised, supplemented, or deleted, incorporating the remaining permit terms by reference. *[Reference Regulation No. 30 Section 7(c)(1) dated 12/11/00]*
  2. The Owner and/or Operator's right to operate shall cease upon the expiration date unless a timely and complete renewal application has been submitted to the Department January 2, 2013. *[Reference Regulation No. 30 Section 7(c)(2) dated 12/11/00]*

**Condition 2 – General Requirements (Cont.)**

3. The Department shall review each application for completeness and shall inform the applicant within 60 days of receipt if the application is incomplete. Unless the Department requests additional information or otherwise notifies the applicant of incompleteness within 60 days of an application, an application will be deemed complete if it contains the information required by the application form and Section 5(d) of Regulation 30 of "**Regulations Governing the Control of Air Pollution.**" [Reference Regulation No. 30 Section 5(a)(2)(i) dated 11/15/93]
4. If a timely and complete application for a permit renewal is submitted to the Department pursuant to Regulation No. 30, Section 5(a)(2)(iv) (dated 11/15/93) and Section 7(c)(1) (dated 12/11/00) and the Department, through no fault of the Owner and/or Operator, fails to take final action to issue or deny the renewal permit before the end of the term of this permit, then this permit shall not expire until the renewal permit has been issued or denied, and any permit shield granted for the permit shall continue in effect during that time. [Reference Regulation No. 30 Section 7(c)(3) dated 12/11/00]

**m. Permit Revision and Termination.**

1.
  - i. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. [Reference Regulation No. 30 Section 6(a)(7)(iii) dated 12/11/00]
  - ii. Except as provided under Condition 2(m)(3) ["Minor Permit Modification"], the filing of a request by the Owner and/or Operator for a permit modification, revocation and reissuance, or termination, or of a modification of planned changes or anticipated noncompliance does not stay any term or condition of this permit. [Reference Regulation No. 30 Section 6(a)(7)(iii) dated 12/11/00 and 7(e)(1)(v) dated 12/11/00]
2. "Administrative Permit Amendment." When required, the Owner and/or Operator shall submit to the Department a request for an administrative permit amendment in accordance with Regulation No. 30 Section 7(d) of the State of Delaware "**Regulations Governing the Control of Air Pollution.**" [Reference Regulation No. 30 Section 7(d) dated 12/11/00]
3. "Minor Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a minor permit modification in accordance with Regulation No. 30 Section 7(e)(1) and 7(e)(2) of the State of Delaware "**Regulations Governing the Control of Air Pollution.**" [Reference Regulation No. 30 Section 7(e)(1) dated 12/11/00 and 7(e)(2) dated 12/11/00]
  - i. For a minor permit modification, during the period of time between the time the Owner and/or Operator makes the change or changes proposed in the minor permit modification application and the time that the Department takes action on the application, the Owner and/or Operator shall comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period the Owner and/or Operator, at its own risk, need not comply with the existing terms and conditions of this permit that it seeks to modify. [Reference Regulation No. 30 Section 7(e)(1)(v) dated 12/11/00 and 7(e)(2)(v) dated 12/11/00]
  - ii. If the Owner and/or Operator fails to comply with its proposed permit terms and conditions during this time period, the existing terms and conditions of this permit may be enforced against the Owner and/or Operator. [Reference Regulation No. 30 Section 7(e)(1)(v) dated 12/11/00 and 7(e)(2)(v) dated 12/11/00]
4. "Significant Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a significant permit modification in accordance with Regulation No. 30 Section 7(e)(3) of the State of Delaware "**Regulations Governing the Control of Air Pollution.**" [Reference Regulation No. 30 Section 7(e)(3) dated 12/11/00]

**Condition 2 – General Requirements (Cont.)**

5.
  - i. When the Owner and/or Operator is required to meet the requirements under Section 112(g) of the Act or to obtain a preconstruction permit under the State of Delaware "**Regulations Governing the Control of Air Pollution**," the Owner and/or Operator shall file a complete application to revise this permit within 12 months of commencing operation of the construction or modification. *[Reference Regulation No. 30 Section 5(a)(1)(iv) dated 11/15/93]*
  - ii. When the Owner and/or Operator is required to obtain a preconstruction permit, the Owner and/or Operator may submit an application to revise this permit for concurrent processing. The revision request for this permit when submitted for concurrent processing shall be submitted to the Department with the Owner and/or Operator's preconstruction review application or at such later time as the Department may allow. Where this permit would prohibit such construction or change in operation, the Owner and/or Operator shall obtain a permit revision before commencing operation. *[Reference Regulation No. 1102 Sections 11.2(j), 11.5 and 12.4, dated 6/11/06, and Regulation No. 30 Section 5(a)(1)(iv) dated 11/15/93]*
  - iii. Where an application is not submitted for concurrent processing, the Owner and/or Operator shall obtain an operating permit under the State of Delaware "**Regulations Governing the Control of Air Pollution**" prior to commencing operation of the construction or modification to cover the period between the date operation is commenced and until such time as operation is approved under Regulation No. 30. *[Reference Regulation No. 1102 Section 2.1 dated 6/11/06]*
6. "Permit Termination." The Owner and/or Operator may at any time apply for termination of this permit in accordance with Regulation No. 30 Section 7(h)(4) or Section 7(h)(5) of the State of Delaware "**Regulations Governing the Control of Air Pollution**." *[Reference Regulation No. 30 Sections 7(h)(4) dated 12/11/00 and 7(h)(5) dated 12/11/00]*

**n. Permit Transfer.**

1. A change in ownership or operational control of this facility shall be treated as an administrative permit amendment where the Department has determined that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new owner has been submitted to the Department. *[Reference Regulation No. 30 Section 7(d)(1)(iv) dated 12/11/00]*
2. In addition to any written agreement submitted by the Owner and/or Operator in accordance with Condition 2(n)(1), the Owner and/or Operator shall have on file at the Department a statement meeting the requirements of 7 Del. C., Chapter 79, Section 7902. This statement shall include: *(This permit condition is state enforceable only.)* *[Reference 7 Del. C., Chapter 79 Section 7902 dated 8/28/2007]*
  - i. A complete list of all current members of the board of directors, all current corporate officers, all persons owning more than 20% of the applicant's stock or other resources, all subsidiary companies, parent companies and companies with which the applicant's company shares two or more directors;
  - ii. The names of the persons serving as the applicant's local chief operating officer with respect to each facility covered by the permit in question.
  - iii. A description of all notices of violation, criminal citations, arrests, convictions, or civil or administrative penalties assessed against the applicant or any other person identified under paragraphs (i) or (ii) of this subsection for the violation of any environmental

**Condition 2 – General Requirements (Cont.)**

statute, regulation, permit, license, approval or order, regardless of the state in which it occurred, for the five years prior to the date of the statement;

- iv. A description of the disposition of any of the items identified pursuant to paragraph (iii) of this subsection and any actions that have been taken to correct the violations that led to such enforcement of actions.
- v. A description of any felony or other criminal conviction for a crime involving harm to the environment or violation of environmental standards of any person identified in paragraphs (i) or (ii) of this subsection that resulted in a fine greater than \$1,000 or a sentence longer than seven days, regardless of whether such fine or sentence was suspended; and
- vi. Copies of any and all settlements of environmental claims involving the applicant, whether or not such settlements were based on agreements where the applicant did not admit liability.

- 3. The written agreement required in Condition 2(n)(1) of this permit shall be provided to the Department within a minimum of 30 calendar days prior to the specific date for transfer and shall indicate that the transfer is agreeable to both the current and new owner. *[Reference Regulation No. 1102 Section 7.1 dated 6/1/97]*

- o. Property Rights.** This permit does not convey any property rights of any sort, or any exclusive privilege. *[Reference Regulation No. 30 Section 6(a)(7)(iv) dated 12/11/00]*

- p. Risk Management Plan Submissions.**

- 1. In the event this stationary source, as defined in the State of Delaware "**Accidental Release Prevention (ARP) Regulation**" Section 4, is subject to or becomes subject to Section 5 of the "**ARP Regulation**" (as amended March 11, 2006), the owner or operator shall submit a risk management plan (RMP) to the Environmental Protection Agency's RMP Reporting Center by the date specified in Section 5.10 and required revisions as specified in Section 5.190. A certification statement shall also be submitted as mandated by Section 5.185. *[Reference Regulation No. 30 Section 6(a)(4) dated 12/11/00, State of Delaware "**Accidental Release Prevention Regulation**" as amended March 11, 2006 and Delaware: Approval of Accidental Release Prevention Program, Federal Register Vol. 6, No. 11 pages 30818-22 dated June 8, 2001]*
- 2. If this stationary source, as defined in the State of Delaware "**ARP Regulation**" Section 4, is not subject to Section 5 but is subject or becomes subject to Section 6 of the "**ARP Regulation**" (as amended March 11, 2006), the owner or operator shall submit a Delaware RMP to the State of Delaware's Accidental Release Prevention group by the date as specified in Section 6.6.10 and required revisions as specified by Section 6.6.1. *Note: State enforceable only. [Reference State of Delaware "Accidental Release Prevention Regulation" as amended March 11, 2006 ]*

- q. Protection of Stratospheric Ozone.**

When applicable, this Facility shall comply with the following requirements: *[Reference 40 CFR Part 82 "**Protection of Stratospheric Ozone**" revised as of 7/1/97 and Regulation No. 30 Section 2 dated 11/15/93]*

- 1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
  - i. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a process that uses a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.

**Condition 2 – General Requirements (Cont.)**

- ii. The placement of the required warning statement must comply with the requirements pursuant to §82.108.
  - iii. The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
  - iv. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
2. Any person servicing, maintaining, or repairing appliances, except for motor vehicles, shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. In addition, Subpart F applies to refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment.
- i. Persons owning appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to §82.154 and §82.156.
  - ii. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
  - iii. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
  - iv. Persons performing maintenance, service, repair, or disposal of appliances must certify with the Administrator pursuant to §82.158 and §82.162.
  - v. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like appliance" as defined at §82.152)
  - vi. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
3. Owners/Operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82, Subpart F §82.166.
4. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, "Production and Consumption Controls".
5. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the MVAC, the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners".
- i. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. These systems are regulated under 40 CFR Part 82, Subpart F.
6. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program.

**Condition 2 – General Requirements (Cont.)**

- r. **Severability**. The provisions of this permit are severable. If any part of this permit is held invalid, the application of such part to other persons or circumstances and the remainder of this permit shall not be affected thereby and shall remain valid and in effect. *[Reference Regulation No. 30 Section 6(a)(6) dated 12/11/00]*

**Condition 3- Specific Requirements**

- a. **Emission Limitations Emission Standards, Operational Limitations, and Operational Standards**. The Owner and/or Operator shall comply with the limitations and standards detailed in Condition 3 – Table 1 of this permit. *[Reference Regulation No. 30 Section 6(a)(1) dated 12/11/00]*

- b. **Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping)**. The Owner and/or Operator shall maintain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all original strip-chart recordings, where appropriate, for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, the permit may specify that records may be maintained in computerized form. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(B) dated 12/11/00]*

1.

- i. **Specific Requirements**. The Owner and/or Operator shall comply with the operational limitations, monitoring, testing, and record keeping requirements detailed in Condition 3 – Table 1 of this permit which are in addition to those in Conditions 3(b)(1)(ii) and 3(b)(2) of this permit. *[Reference Regulation No. 30 Sections 6(a)(1) dated 12/11/00, 6(a)(3)(i) dated 12/11/00, and 6(a)(10) dated 12/11/00]*
- ii. **General Testing Requirements**. Upon written request of the Department, the Owner and/or Operator shall, at the Owner and/or Operator's expense, sample the emissions of, or fuel used by, an air contaminant emission source, maintain records, and submit reports to the Department on the results of such sampling. *[Reference Regulation No. 17 Section 2.2 dated 7/17/84]*

2. **General Record Keeping Requirements**. The Owner and/or Operator shall record, at a minimum, all of the following information:

- i. If required, for each operating scenario identified in Condition 3 – Table 1 of this permit, a log that indicates the operating scenario under which each particular emission unit is operating. The Owner and/or Operator shall, when changing from one operating scenario to another, record in this log the time at which the operating scenario under which it is operating is changed. *[Reference Regulation No. 30 Section 6(a)(10) dated 12/11/00]*
- ii. The following information to the extent specified in Condition 3 – Table 1 of this permit. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A) dated 12/11/00]*
- A. The date, place, and time of the sampling or measurements. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(aa) dated 12/11/00]*
- B. The dates analyses were performed. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(bb) dated 12/11/00]*
- C. The Owner and/or Operator or entity that performed the analyses. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(cc) dated 12/11/00]*
- D. The analytical techniques or methods used. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(dd) dated 12/11/00]*
- E. The results of such analyses. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(A)(ee) dated 12/11/00]*

**Condition 3 – Specific Requirements (Cont.)**

- F. The operating conditions as existing at the time of sampling or measurement. *[Reference Regulation No. 30 Section 6(a)(3)(ii)(a)(ff) dated 12/11/00]*
- iii. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5); a properly signed, contemporaneous operating logs, or other relevant evidence which indicates that: *[Reference Regulation No. 30 Section 6(g)(3) dated 12/11/00]*
- A. An emergency or malfunction occurred and the causes of the emergency or malfunction. *[Reference Regulation No. 30 Section 6(g)(3)(i) dated 12/11/00]*
- B. The facility was at the time of the emergency or malfunction being operating in a prudent and professional manner and in compliance with the generally accepted industry operations and maintenance procedures. *[Reference Regulation No. 30 Section 6(g)(3)(ii) dated 12/11/00]*
- C. During the period of the emergency or malfunction the Owner and/or Operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of this permit. *[Reference Regulation No. 30 Section 6(g)(3)(iii) dated 12/11/00]*
- iv. A copy of the written notice required by Condition 3(c)(2)(iii) for each change made under Condition 4(c) [Operational Flexibility] of this permit shall be maintained with a copy of this permit. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*

**c. Reporting and Compliance Certification Requirements.**

1. **Specific Reporting/Certification Requirements.** The Owner and/or Operator shall comply with the Reporting/Certification Requirements detailed in Condition 3– Table 1 of this permit, which are in addition to those of Conditions 3(c)(2) and 3(c)(3) of this permit. Each report that contains any deviations from the terms of Condition 3– Table 1 shall identify the probable cause of the deviations and any corrective actions or preventative measures taken. *[Reference Regulation No. 30 Sections 6(a)(3)(iii) dated 12/11/00, 6(a)(3)(iii)(C)(cc) dated 12/11/00, and 6(a)(3)(iii)(C)(dd) dated 12/11/00]*
2. **General Reporting Requirements.**
- i. The Owner and/or Operator shall submit to the Department a report of any required monitoring not later than the first day of August (covering the period from January 1 through June 30 of the current calendar year) and the first day of February (covering the period July 1 through December 31 of the previous calendar year) of each calendar year. Each report shall identify any deviations from the monitoring, record keeping, and reporting requirements under this permit; and the probable cause of the deviations; and any corrective actions or preventative measures taken. If no deviations have occurred, such shall be stated in the report. *[Reference Regulation No. 30 Section 6(a)(3)(iii)(A) dated 12/11/00 and (B) dated 12/11/00, and Section 6(a)(3)(iii)(C)(dd) dated 12/11/00]*
- ii. In addition to the semiannual monitoring reports required under Condition 3(c)(2)(i), the Owner and/or Operator shall submit to the Department supplemental written reports or notices identifying all deviations from permit conditions, probable cause of the deviations, and any corrective actions or preventative measures as follows: *[Reference Regulation No. 30 Sections 6(a)(3)(iii)(C)(cc) dated 12/11/00 and 6(a)(3)(iii)(C)(dd) dated 12/11/00]*
- A. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5) of this permit, a notice of any deviation resulting from emergency or malfunction conditions shall be reported to the Department within two working days of the time when the technology-based emission limitations were exceeded. Such notice shall contain a description of the emergency or malfunction, any

**Condition 3 – Specific Requirements (Cont.)**

steps taken to mitigate emissions, and any corrective actions taken. *[Reference Regulation No. 30 Sections 6(a)(3)(iii)(C)(aa) dated 12/11/00 and 6(g)(3)(iv) dated 12/11/00]*

- B. Emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department immediately upon discovery and after activating the appropriate site emergency plan, in the following manner: *[Reference Regulation No. 30 Sections 6(a)(3)(iii)(C)(cc) dated 12/11/00 and 6(a)(3)(iii)(C)(bb) dated 12/11/00]*

1. Emissions that pose an imminent and substantial danger to public health, safety or the environment must be reported by calling the Department's Environmental Emergency Notification and Complaint number (800) 662-8802. *[Reference: Regulation No 1130, Section 6(a)(3)(iii)(C)(bb) dated 12/11/2000]*

2. Emissions in excess of any permit condition or emissions which create a condition of air pollution but do not pose an imminent and substantial danger to public health, safety or the environment must either be called in to the Environmental Emergency Notification and Complaint number (800) 662-8802 or faxed to (302) 739-2466. The ability to fax notifications to the Department may be revoked by the Department upon written notice to the Company and at the Department's sole discretion. *[Reference: Regulation No 1130, Section 6(a)(3)(iii)(C)(bb) dated 12/11/2000]*

- C. All emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department in a written report pursuant to Condition 3(c)(2)(i) and/or the specific reporting requirements listed in Condition 3 – Table 1 of this permit. *[Reference Regulation No. 30 Sections 6(a)(3)(iii)(C)(cc) dated 12/11/00 and 6(a)(3)(iii)(C)(dd) dated 12/11/00]*

- D. Discharges to the atmosphere in excess of any quantity specified in the 7 Del. C., Section 6028 ("Reporting of a Discharge of a Pollutant or an Air Contaminant") shall be reported, immediately upon discovery and after activating the appropriate site emergency plan, either in person or to the Department's 24-hour Environmental Emergency Notification and Complaint line (1-800-662-8802). Discharges in compliance with this permit and excess emissions previously reported under Condition 3(c)(2)(ii)(B) of this permit are exempt from this reporting requirement. *[Reference Regulation No. 30 Section 6(a)(3)(iii)(C)(ee) dated 12/11/00 and 7 Del. C., Chapter 60, Section 6028]*

- iii. Prior to making a change as provided in Condition 4 [Operational Flexibility] of this permit the Owner and/or Operator shall give written notice to the Department and EPA at least seven calendar days before the change is to be made. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*

A. The seven day period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*

B. If less than seven calendar days notice is provided because of a need to respond more quickly to such unanticipated conditions, the Owner and/or Operator shall provide notice to the Department and EPA as soon as possible after learning of the need to make the change, together with the reasons why advance notice could not be given. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*

- C. The written notice shall include all of the following information: *[Reference Regulation 30 Section 6(h)(1) dated 12/11/00]*

1. The identification of the affected emission units and a description of the change to be made.





**Condition 3 – Specific Requirements (Cont.)**

reporting required under Condition 3. *[Reference Regulation No. 30 Section 6(c)(5)(iii)(D) dated 12/11/00]*

- E. Such other facts as the Department may require to determine the compliance status of the source. *[Reference Regulation No. 30 Section 6(c)(5)(iii)(E) dated 12/11/00]*
- ii. Each compliance certification shall be submitted to the Department and EPA and shall be certified in accordance with Condition 2(a) of this permit. *[Reference Regulation No. 30 Section 6(c)(5)(iv) dated 12/11/00]*
- iii. Any additional information possessed by the Owner and/or Operator that demonstrates noncompliance with any applicable requirement must also be used as the basis for compliance certifications. *[Reference 62 FR 8314 dated 2/24/97]*

**Condition 3 – Table 1: Specific Requirements**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p><b>a. Emission Units 1, 2, and 3: Boilers 1, 2, and 7, respectively</b></p> <p><b>1. Boiler 1- Cleaver Brooks boiler; 32.659 MMBTU/hr; fired on natural gas</b></p> <p><b>2. Boiler 2- Cleaver Brooks boiler; 32.659 MMBTU/hr; fired on natural gas</b></p> <p><b>3. Boiler 7- Babcock and Wilcox boiler; 69.0 MMBTU/hr; fired on No. 6 fuel oil</b></p>		
<p><b>1. Criteria Pollutants</b></p>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p><u>For Boilers 1 and 2:</u></p> <p>[Reference 7 DE Admin. Code 1130 Section 6.1.1 dated 12/11/00, Permit: APC-2010/0082 Condition 2.1 and Permit: APC-2010/0083 Condition 2.1]</p> <p>A. VOC emissions shall not exceed 0.13 pounds per hour and 0.57 tons per twelve (12) month rolling period for each boiler.</p> <p>B. NO<sub>x</sub> emissions shall not exceed 1.14 pounds per hour and 4.99 tons per twelve (12) month rolling period for each boiler.</p> <p>C. CO emissions shall not exceed 1.19 pounds per hour and 5.21 tons per twelve (12) month rolling period for each boiler.</p>	<p>v. Compliance Method:</p> <p>Compliance with these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and Record Keeping requirements. [Reference Regulation No. 30 Sections 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following:</p> <p>A. Each day, the preheat temperature of the No. 6 fuel fired for Emission Unit 3. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>B. For each month, the type of fuel combusted in Emission Unit 3. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>C. Sulfur content of No. 6 fuel oil for each delivery. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>D. Each month, the total MMSCF of natural</p>	<p>x. Reporting:</p> <p>A. The owner or operator shall submit Notification of the date Construction or Reconstruction is commenced. This notification shall include the following and shall be postmarked no later than 30 days after such date: [Reference 40 CFR Part 60 Subpart Dc Section 60.48c(a) and Subpart A Section 60.7(a), Permit: APC-2010/0082 Condition 6.3 and Permit: APC-2010/0083 Condition 6.3]</p> <p>I. The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility. [Reference Permit: APC-2010/0082 Condition 6.3.1 and Permit: APC-2010/0083 Condition 6.3.1]</p> <p>II. If applicable, a copy of any federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels. [Reference Permit: APC-2010/0082 Condition 6.3.2 and Permit: APC-2010/0083 Condition</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

<b>Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards</b>	<b>Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)</b>	<b>Reporting and Compliance Certification</b>
<p>D. SO<sub>2</sub> emissions shall not exceed 0.06 pounds per hour and 0.24 ton per twelve (12) month rolling period for each boiler.</p> <p>E. PM<sub>10</sub> emissions shall not exceed 0.33 pounds per hour and 1.43 tons per twelve (12) month rolling period for each boiler.</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation: [Reference 7 DE Admin. Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/00]</p> <p>A. <u>For Boilers 1 and 2:</u></p> <p>I. The Company shall combust only natural gas in Emission Units 1 and 2. [Reference Permit:APC-2010/0082 Condition 3.1.1 and Permit:APC-2010/0083 Condition 3.1.1]</p> <p>II. Total natural gas combusted shall not exceed 543.45 MMSCF in any rolling twelve-month period. [Reference Permit:APC-2010/0082 Condition 3.1.2 and Permit:APC-2010/0083 Condition 3.1.2]</p> <p>III. No owner or operator shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission</p>	<p>gas combusted in Emission Units 1 and 2. [Reference 7 DE Admin. Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/00, Permit: APC-2010/0082 Condition 4.2 and Permit:APC-2010/0083 Condition 4.2]</p> <p>E. Each month, the total MMSCF of natural gas for the twelve (12) month period immediately preceding the date of record for Emission Units 1 and 2. [Reference 7 DE Admin. Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/00, Permit: APC-2010/0082 Condition 4.3 and Permit: APC-2010/0083 Condition 4.3]</p> <p>vii. Testing: That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control: None</p> <p>ix. Record Keeping: In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: [Reference 7 DE Admin. Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/00]</p> <p>A. The monitoring required in Condition 3-Table 1(a)(1)(vi).</p> <p>B. For each delivery, fuel supplier certifications for the No. 6 fuel oil sulfur</p>	<p>6.3.2]</p> <p>III. The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired. [Reference Permit: APC-2010/0082 Condition 6.3.3 and Permit: APC-2010/0083 Condition 6.3.3]</p> <p>B. The owner or operator shall submit Notification of Initial Start-up. This notification shall be postmarked within 15 days of such date and shall include the information detailed in Condition a(1)(x)(A). [Reference 40 CFR Part 60 Subpart Dc Section 60.48c(a) and Subpart A Section 60.7(a), Permit: APC-2010/0082 Condition 6.4 and Permit: APC-2010/0083 Condition 6.4]</p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [Reference 40 CFR Part 60 Subpart A Section 60.12, Permit: APC-2010/0082 Condition 3.1.3 and Permit: APC-2010/0083 Condition 3.1.3]</p> <p>IV. The owner or operator of an affected facility shall record and maintain records of the amount of fuel combusted during each operating day. [Reference 40 CFR Part 60 Subpart Dc Section 60.48c(g)(1), Permit: APC-2010/0082 Condition 3.1.4 and Permit: APC-2010/0083 Condition 3.1.4]</p> <p>V. As an alternative to meeting the requirements of Condition 3- Table 1(a)(1)(iv)(A)(IV), the owner or operator of an affected facility may elect to record and maintain records of the amount of fuel combusted during each month. [Reference 40 CFR Part 60 Subpart Dc Section 60.48c(g)(2), Permit: APC-2010/0082 Condition 3.1.5 and Permit: APC-2010/0083 Condition 3.1.5]</p>	<p>content that state:</p> <p>I. The name of the oil supplier.</p> <p>II. The location of the oil when the sample was drawn for analysis to determine the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location.</p> <p>III. The sulfur content of the fuel oil as determined by ASTM methods: D129, D1552, D2622 or D4294.</p> <p>C. The owner or operator shall maintain records of the amount of fuel combusted in Emission Units 1 and 2 in accordance with Condition 3- Table 1(a)(1)(iv)(A)(IV), (V), or (VI). [Reference Permit: APC-2010/0082 Condition 5.4 and Permit: APC-2010/0083 Condition 5.4]</p> <p>D. Each month, for Emission Units 1 and 2, the Company shall record the total MMSCF of natural gas for the twelve (12) month period immediately preceding the date of record. [Reference Permit: APC-2010/0082 Condition 5.5 and Permit: APC-2010/0083 Condition 5.5]</p> <p>E. Each month, for Emission Units 1 and 2,</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>VI. As an alternative to meeting the requirements of Condition 3- Table 1(a)(1)(iv)(A)(IV), the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month. [Reference 40 CFR Part 60 Subpart Dc Section 60.48c(g)(3), Permit: APC-2010/0082 Condition 3.1.6 and Permit: APC-2010/0083 Condition 3.1.6]</p> <p>VII. Operating hours for each boiler shall not exceed 8,736 hours in any rolling twelve-month period. The Company shall meet the control technology requirements of Minor New Source Review if the Company requests an increase in operating limits that result in a NOx potential to emit above five tons per year. [Reference 7 DE Admin. Code 1125, Permit: APC-2010/0082 Condition 3.1.7 and Permit: APC-2010/0083 Condition 3.1.7]</p> <p>B. <u>For Boiler 7:</u></p> <p>I. The Company shall combust only No. 6 fuel oil in Emission Unit 3.</p> <p>II. Total gallons of residual fuel oil</p>	<p>the Company shall record the hours of operation for each boiler for the twelve (12) month period immediately preceding the date of record. [Reference Permit: APC-2010/0082 Condition 5.6 and Permit: APC-2010/0083 Condition 5.6]</p> <p>F. Each month, for Emission Units 1 and 2, the rolling twelve (12) month total emissions shall be calculated and recorded in a log for each of the following pollutants. [Reference Permit: APC-2010/0082 Condition 5.7 and Permit: APC-2010/0083 Condition 5.7]</p> <p>I. Volatile Organic Compounds</p> <p>II. Nitrogen Oxides</p> <p>III. Carbon Monoxide</p> <p>IV. Sulfur Oxides</p> <p>V. Particulate Matter (PM10)</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>combusted shall not exceed 1,035,000 gallons in any rolling twelve-month period.</p> <p>III. Fuel sulfur content of the No. 6 fuel oil fired in Emission Unit 3 shall not exceed 2.0 percent by weight.</p> <p>IV. The No. 6 fuel oil fired in Emission Unit 3 shall be preheated to a minimum of 185°F. <b>[Reference Permit: APC-81/878 Condition 16]</b></p>		
<b>2. Combustion Efficiency (State Enforceable Only)</b>		
<p>i. Emission Standard: None</p> <p>ii. Emission Limitation: None</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation: During all periods of operation Emission Unit 3 shall be operated at the highest practical combustion efficiency, but at no time shall the combustion efficiency be less than 75%. <b>[Reference Permit: APC-81/878 Condition 17]</b></p>	<p>v. Compliance Method: Compliance with these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements and shall be determined monthly by flue gas oxygen or carbon dioxide analysis and flue gas net temperature. <b>[Reference Regulation No. 30 Section 6(a)(7), dated 12/11/00, and Permit: APC-81/878 Condition 17]</b></p> <p>vi. Monitoring: The Company shall monitor the following: <b>[Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00]</b>  For each month: For the flue gas, the percent (%) oxygen or carbon dioxide and the net temperature.</p>	<p>x. Reporting: None in addition to that required by Conditions 2(b)(9), 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. <b>[Reference 40 CFR 60.48c]</b></p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <b>[Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b></p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required by Condition 3- Table 1(a)(2)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00]</p>	
<b>3. Particulate</b>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>Particulate emissions from each emission unit shall not exceed 0.3 pound per million BTU heat input on a maximum two (2) hour average. [Reference 7 DE Admin. Code 1104 Section 2.1 dated 2/1/81, Permit: APC-2010/0082 Condition 2.2 and Permit:APC-2010/0083 Condition 2.2]</p> <p>iii. Operational Standard:</p> <p>None</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation and these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Particulate emissions for Emission Unit 1 and 2 were calculated from manufacturer's emission data and maximum firing rate and equal 0.01 lb/MMBTU for each natural gas boiler, which is less than the 0.3 lb/MMBTU standard. Particulate emissions for Emission Unit 3 were calculated using the AP-42 emission factor and maximum firing rate and equal</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>iv. Operational Limitation:</p> <p>That required by Condition 3 Table 1(a)(1)(iv)(A) and (B).</p>	<p>0.19 lb/MMBTU for No. 6 fuel oil, which is less than the 0.3 lb/MMBTU standard. Compliance can be consistently demonstrated when Emission Units 1 and 2 are fired on natural gas and Emission Unit 3 is fired on No. 6 fuel oil with a fuel sulfur content of 2.0 percent or less by weight. Therefore, compliance with the emission limitation of Condition 3 Table 1(a)(3)(ii) shall be based upon record keeping. [Reference Regulation No. 30 Sections 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the type of fuel used to fire each emission unit and the fuel sulfur content of Emission Unit 3. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required by Condition 3- Table</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	1(a)(1)(vi)(B) and 1(a)(3)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]	
<b>4. Nitrogen Oxide Emissions</b>		
<p>i. Emission Standard:</p> <p>A. Nitrogen oxide emissions from Emission Units 1, 2, and 3 shall not exceed those achieved through an annual tune-up performed by qualified personnel. [Reference 7 DE Admin. Code 1112 Section 3.3.2 dated 11/24/93, Permit: APC-2010/0082 Condition 2.3, Permit: APC-2010/0083 Condition 2.3]</p> <p>B. Nitrogen oxide emissions from Emission Unit 3 shall not exceed those achieved through usage of low NOx burners and low excess air. [Reference Reg. 12 Section 3.3a dated 11/24/93]</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>The Company shall have qualified personnel perform tune-ups for Emission Units 1, 2, and 3. [Reference 7 DE Admin. Code 1112, Section 3.3.2 dated 11/24/93, Permit: 2010/0082 Condition 3.1.8 and Permit: 2010/0083 Condition 3.1.8]</p> <p>iv. Operational Limitation:</p>	<p>v. Compliance Method:</p> <p>Compliance with these emission standards, operation standard, and operation limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Section 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>A. Upon written request by the Department, the Company shall install, maintain, and use emission monitoring devices, as approved in advance by the Department, to determine the nature and amount of emissions from this source. [Reference Reg. 17 Section 2.1 dated 7/17/84]</p> <p>B. The Company shall monitor in a log the following: [Reference 7 DE Admin. Code 1130 Section 6.1.3.1.2 and 6.2.1 dated 12/11/00, 7 DE Admin. Code 1112 Section 3.3.2 dated 11/24/93, Permit: APC-2010/0082 Condition 4.4 and Permit: APC-2010/0083 Condition 4.4]</p> <p>I. Each annual tune-up</p> <p>II. Personnel performing the annual</p>	<p>x. Reporting:</p> <p>The Company shall, in addition to that required by Conditions 2(b)(9) and 3(c)(2) of this permit, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department with the following information: [Reference 40 CFR 60.48c and 7 DE Admin. Code 1112 Section 7.3 paragraphs 1, 2, 3, 4, and 5 dated 11/24/93, Permit: APC-2010/0082 Condition 6.2 and Permit: APC-2010/0083 Condition 6.2]</p> <p>I. The name and location of the facility.</p> <p>II. The source(s) that caused the excess emissions.</p> <p>III. The time and date of the first observation of the excess emissions.</p> <p>IV. The cause and expected duration of the excess emissions.</p> <p>V. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>The Company shall operate Emission Unit 3 with low NOx burner and low excess air. [Reference Permit: APC 81/0878 Condition 11]</p>	<p>tune-ups.</p> <p>III. Maintenance performed on the units.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of any monitoring conducted in accordance with Condition 3- Table 1(a)(4)(vi)(B), testing conducted in accordance with Condition 3- Table 1(a)(4)(vii), and a record of the installation dates of the low excess air and low NOx burner technology. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Permit: APC-2010/0082 Condition 5.2 and Permit: APC-2010/0083 Condition 5.2]</p>	<p>excess emissions.</p> <p>VI. The proposed corrective actions and schedule to correct the conditions causing the excess emissions.</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>
<p><b>b. Emission Unit 6: Brock BCT3500 Grain Dryer</b></p> <p><b>6. Dryer 2- 37.727 MMBTU/hr; fired on propane</b></p>		
<p><b>1. Criteria Pollutants</b></p>		
<p>i. Emission Standard:</p>	<p>v. Compliance Method:</p> <p>Compliance with these emission limitations</p>	<p>x. Reporting:</p> <p>None in addition to that required by</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>None</p> <p>ii. Emission Limitation:  <b>[Reference Permit: APC-2008/0160 Condition 2.1]</b></p> <p>A. VOC emissions shall not exceed 90 pounds per month and 0.1 tons per twelve (12) month rolling period.</p> <p>B. NO<sub>x</sub> emissions shall not exceed 3300 pounds per month and 4.9 tons per twelve (12) month rolling period.</p> <p>C. CO emissions shall not exceed 540 pounds per month and 0.83 tons per twelve (12) month rolling period.</p> <p>D. PM<sub>10</sub> emissions shall not exceed 1500 pounds per month and 2 tons per twelve (12) month rolling period.</p> <p>iii. Operational Standard:  None</p> <p>iv. Operational Limitation:  <b>[Reference Reg. 30 Section 6(a)(1) and 6(b)(1) dated 12/11/00 and Permit: APC-2008/0160 Conditions 3.1.1, 3.1.5, and 3.1.3]</b></p> <p>A. The Company shall combust only liquid propane in Emission Unit 6.</p> <p>B. The total propane consumption for Emission Unit 6 shall not exceed 519,200 gallons in any rolling twelve (12) month</p>	<p>and operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. <b>[Reference Reg. 30 Section 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</b></p> <p>A. Compliance with the emission limitations of Condition 3- Table 1(b)(2)(ii) shall be demonstrated each month based upon total tons of grain received in Emission Unit 6 for the twelve (12) month period immediately preceding the date of record and calculations performed using formulas and emission factors as found in AP-42. <b>[Reference Reg. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b></p> <p>B. The operational limitation of Condition 3- Table 1(b)(1)(iv)(C) is a voluntary restriction taken by the Company to limit emissions of nitrogen oxides to below the five (5) ton per year applicability threshold of Reg. 1125, Section 4, Minor New Source Review. The Company shall meet the control technology requirements of Minor New Source Review, Reg. 1125, Section 4, if the Company requests an increase in operating hours that results in a nitrogen oxide Potential to Emit above five tons per year. <b>[Reference Reg. 1125 Section 4 dated 8/11/05 and Permit: APC-2008/0160]</b></p>	<p>Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. <b>[Reference 40 CFR 60.48c]</b></p> <p>xi. Certification:  None in addition to that required by Condition 3(c)(3) of this permit. <b>[Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b></p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>period.</p> <p>C. The grain dryer shall not operate above 2,200 hours per rolling twelve (12) month period.</p>	<p><b>Condition 3.5]</b></p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: [Reference Reg. 30 Section 6(a)(3)(i)(B), 6(b)(1), and 6(b)(2) dated 12/11/00 and Permit: APC-2008/0160 Condition 5.2]</p> <p>A. Each day, for Emission Unit 6:</p> <p>I. Total tons of grain dried.</p> <p>II. Hours of grain drying operation.</p> <p>B. Each month, for Emission Unit 6:</p> <p>I. The type of fuel combusted in Emission Unit 6.</p> <p>II. The fuel usage for Emission Unit 6.</p> <p>III. Total tons of grain received for the twelve (12) month period immediately preceding the date of record.</p> <p>IV. The rolling twelve (12) month total emissions shall be calculated and recorded in a log for the following pollutants:</p> <p>(a) VOC</p> <p>(b) CO</p> <p>(c) NOx</p> <p>(d) PM10</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>V. Hours of grain drying operation.</p> <p>C. Total operating hours for the twelve (12) month period immediately preceding the date of record.</p> <p>D. Total fuel usage for Emission Unit 6 for the twelve (12) month period immediately preceding the date of record.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(b)(1)(vi). [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit: APC-2008/0160 Condition 5.2]</p>	
<b>2. Particulate</b>		
<p>i. Emission Standard:</p> <p>None</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation and these operation standards will be</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9)</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

<b>Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards</b>	<b>Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)</b>	<b>Reporting and Compliance Certification</b>
<p>ii. Emission Limitation:</p> <p>Particulate emissions (PM) for the grain drying and combustion for Emission Unit 6 shall not exceed 0.2 grains per standard cubic foot. [Reference Reg. 5 Section 2.1 dated 2/1/81 and Permit:APC-2008/0160 Condition 2.1.4.2]</p> <p>iii. Operational Standard:</p> <p>[Reference Reg. 30 Section 6(a)(1) and Section 6(b)(1) dated 12/11/00]</p> <p>A. The activities associated with the collection, storage and disposal of collected particulate matter shall be conducted at all times in such a manner that they will not cause local nuisance conditions. [Reference Reg. 30 Section 6(a)(1)]</p> <p>B. Particulate emission size shall not exceed that which will pass through a 24-mesh screen (Tyler Scale) or equivalent. The emission control technique need not be by screening but must provide particulate emission control equivalent to that which would be obtained by the use of 24-mesh screen. [Reference Reg. 18 Section 1.1 dated 7/17/84 and Permit: APC-2008/0160 Condition 3.1.4.1]</p> <p>C. The owner or operator shall not cause or allow storage, accumulation, or collection of chaff, husks, cobs, or other particulate</p>	<p>demonstrated by adherence to the appropriate monitoring, testing, and Record Keeping requirements. Particulate emissions equal an uncontrolled maximum of 0.016 gr/scf. Compliance with the emission limitation of Condition 3- Table 1(b)(2)(ii) can be consistently demonstrated when the operational standard of Condition 3- Table 1 (b)(2)(iii)(E) and the operational limitation of Condition 3- Table 1(b)(2)(iv) are met. [Reference Regulation No. 30 Section 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit: APC-2008/0160 Condition 5.2]</p> <p>A. Each day, for Emission Unit 6:</p> <p>I. Total tons of grain dried.</p> <p>II. Hours of grain drying operation.</p> <p>III. The nature of the grain received (dry, de-husked, de-cobbed).</p> <p>B. Each day, the operations involved in Condition 3- Table 1(b)(2)(iii)(A), (B), (C) and (D).</p> <p>C. Monthly and rolling twelve (12) month total tons of grain dried.</p> <p>D. Monthly and rolling twelve (12) month</p>	<p>and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>matter from grain unless these particulate are contained in enclosures with openings not larger than the equivalent of 24-mesh screen (Tyler Scale). [Reference Reg. 18 Section 2.1 dated 2/1/81 and Permit: APC-2008/0160 Condition 3.1.4.2]</p> <p>D. The owner or operator shall not move, or allow to be moved, chaff, husks, or cobs from any grain unless precautions are taken to prevent the unnecessary escape of these materials during transfer. [Reference Reg. 18 Section 2.2 dated 2/1/81 and Permit: APC-2008/0160 Condition 3.1.4.3]</p> <p>E. The grain dryer shall be totally enclosed. [Reference Permit: APC-2008/0160 Condition 3.2]</p> <p>iv. Operational Limitation:</p> <p>The grain drying process capacity of Emission Unit 6 shall not exceed 105 tons per hour grain [Reference Permit: APC-2008/0160 Condition 3.1.2]</p>	<p>total hours of operation.</p> <p>E. Statement of compliance with Condition 3- Table 1(b)(2)(iv).</p> <p>F. Each day, the grain dryer's enclosure for tears or leakages.</p> <p>G. Each month, all maintenance performed on Emission Unit 6.</p> <p>H. Enclosure opening size of the grain dryer.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(b)(2)(vi). [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit: APC-2008/0160 Condition 5.2]</p>	
<b>3. Nitrogen Oxide Emissions</b>		
<p>i. Emission Standard:</p> <p>The emission of nitrogen oxides (NOx) from</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission standard and</p>	<p>x. Reporting:</p> <p>The Company shall, in addition to the</p>



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>Emission Unit 6 shall not exceed those achieved through an annual tune-up performed by qualified personnel. [Reference Reg. 12 Section 3.3(b) dated 11/24/93]</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>An annual tune-up shall be conducted by qualified personnel on Emission Unit 6. [Reference Reg. 12 Section 3.3(b) dated 11/24/93 and Permit: APC-2008/0160 Condition 3.1.6]</p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>this operational standard will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1) and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>A. Upon written request by the Department, the Company shall install, maintain, and use emission monitoring devices, as approved in advance by the Department, to determine the nature and amount of emissions from this source. [Reference Reg. 17 Section 2.1 dated 7/17/84]</p> <p>B. The Company shall monitor in a log form the scope of the annual tune-ups, work completed, and personnel performing the annual tune-ups. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Reg. 12 Section 3.3(b) dated 11/24/93]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to that required by Condition</p>	<p>requirements of Conditions 2(b)(9) and 3(c)(2) of this permit, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department with the following information: [Reference 40 CFR 60.48c and Reg. 12 Section 7 dated 11/24/93]</p> <p>A. The name and location of the facility.</p> <p>B. The source(s) that caused the excess emissions.</p> <p>C. The time and date of the first observation of the excess emissions.</p> <p>D. The cause and expected duration of the excess emissions.</p> <p>E. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions.</p> <p>F. The proposed corrective actions and schedule to correct the conditions causing the excess.</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain a log of the tune-ups conducted on Emission Unit 6, and a statement of qualified personnel. <b>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Reg. 12 Section 3.3(b) dated 11/24/93]</b>	
<b>c. Emission Unit 7: Myer MT4700 Grain Dryer</b> <b>7. Dryer 5- 47.5 MMBTU/hr; fired on propane</b>		
<b>1. Criteria Pollutants</b>		
i. Emission Standard: None  ii. Emission Limitation: <b>[Reference Permit: APC-2006/0174 Condition 2.1]</b> A. VOC emissions from Emission Unit 7 shall not exceed 120 pounds per month and 0.1 tons in any rolling twelve (12) month period. B. CO emissions from Emission Unit 7 shall not exceed 690 pounds per month and 0.65 tons in any rolling twelve (12) month period. C. NOx emissions from Emission Unit 7 shall not exceed 3,900 pounds per month and 3.9 tons in any rolling twelve (12) month period.	v. Compliance Method: Compliance with these emission limitations and operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. <b>[Reference Regulation No. 30 Sections 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</b> A. Compliance with the emission limitation of Condition 3- Table 1(c)(1)(ii) shall be demonstrated each month based upon total tons of grain received in Emission Unit 7 for the twelve (12) month period immediately preceding the date of record and calculations performed using formulas and emission factors as found in AP-42. <b>[Reference Reg. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b> B. The operational limitation of Condition 3-	x. Reporting: None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. <b>[Reference 40 CFR 60.48c]</b>  xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. <b>[Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>D. Particulate emissions as total PM from Emission Unit 7 shall not exceed 21,000 pounds per month and 20 tons in any rolling twelve (12) month period.</p> <p>E. Particulate emissions as PM10 from Emission Unit 7 shall not exceed 5,100 pounds per month and 5.0 tons in any rolling twelve (12) month period.</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation: [Reference Reg. 30 Sections 6(a)(1) and 6(b)(1) dated 12/11/00, Permit: APC-2006/0174 Conditions 3.1.1, 3.1.5, and 3.1.3]</p> <p>A. The Company shall combust only liquid propane in Emission Unit 7.</p> <p>B. The total propane consumption for Emission Unit 7 shall not exceed 409,000 gallons in any rolling twelve (12) month period.</p> <p>C. The grain dryer shall not operate above 1,381 hours per rolling twelve (12) month period.</p>	<p>Table 1(c)(1)(iv)(C) is a voluntary restriction taken by the Company to limit emissions of particulate (PM2.5) and nitrogen oxides (NOx) to below the five (5) ton per year applicability threshold of Reg. 1125, Section 4, Minor New Source Review (MNSR). The Company shall meet the control technology requirements of MNSR, Reg. 1125 Section 4, if the Company requests an increase in the hours of operation that results in a nitrogen oxide and/or PM2.5 Potential to Emit above five (5) tons per year. Emissions of PM10 are assumed to be PM2.5. [Reference Reg. 1125, Section 4.1 and Permit: APC-2006/0174 Condition 3.5]</p> <p>vi. Monitoring: The Company shall monitor the following: [Reference Reg. 30, Section 6(a)(3)(i)(B), 6(b)(1), and 6(b)(2) dated 12/11/00 and Permit: APC-2006/0174 Condition 5.2]</p> <p>A. Each day, for Emission Unit 7:</p> <ol style="list-style-type: none"> <li>Total tons of grain dried.</li> <li>Hours of grain drying operation.</li> </ol> <p>B. Each month, for Emission Unit 7:</p> <ol style="list-style-type: none"> <li>The type of fuel combusted in Emission Unit 7.</li> <li>The fuel usage for Emission Unit 7.</li> </ol>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>III. Total tons of grain received for the twelve (12) month period immediately preceding the date of record.</p> <p>IV. The rolling twelve (12) month total emissions shall be calculated and recorded in a log for the following pollutants:</p> <ul style="list-style-type: none"> <li>(a) VOC</li> <li>(b) CO</li> <li>(c) NOx</li> <li>(d) PM</li> <li>(e) PM10</li> </ul> <p>V. Hours of grain drying operation.</p> <p>C. Total fuel usage for Emission Unit 7 for the twelve (12) month period immediately preceding the date of record.</p> <p>D. Total operating hours for the twelve (12) month period immediately preceding the date of record.</p> <p>vii. Testing</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p align="center">None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(c)(1)(vi). <b>[Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit:APC-2006/0174 Condition 5.2]</b></p>	
<b>2. Particulate</b>		
<p>i. Emission Standard:</p> <p align="center">None</p> <p>ii. Emission Limitation:</p> <p>Particulate Emissions for grain drying and combustion for Emission Unit 7 shall not exceed 0.2 grains per standard cubic foot. <b>[Reference Reg. 5 Section 2.1, dated 2/1/81 and Permit: APC-2006/0174 Condition 2.1.5.2]</b></p> <p>iii. Operational Standard:</p> <p><b>[Reference Reg. 30 Section 6(a)(1) and Section 6(b)(1) dated 12/11/00]</b></p> <p>A. The activities associated with the collection, storage and disposal of collected particulate matter shall be conducted at all times in such a manner that they will not cause local nuisance conditions.</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation, these operational standards, and this operational limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Particulate emissions equal an uncontrolled maximum of 0.016 gr/scf. Compliance with the emission limitation of Condition 3- Table 1(c)(2)(ii) can be consistently demonstrated when the operational standard of Condition 3- Table 1(c)(2)(iii)(E) and the operational limitation of Condition 3- Table 1(c)(2)(iv) are met. <b>[Reference Regulation No. 30 Section 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</b></p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: <b>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and</b></p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. <b>[Reference 40 CFR 60.48c]</b></p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. <b>[Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b></p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>B. Particulate emission size shall not exceed that which will pass through a 24-mesh screen (Tyler Scale) or equivalent. The emission control technique need not be by screening but must provide particulate emission control equivalent to that which would be obtained by the use of 24-mesh screen. [Reference Reg. 18 Section 1.1 dated 7/17/84 and Permit: APC-2006/0174 Condition 3.1.4.1]</p> <p>C. The owner or operator shall not cause or allow storage, accumulation, or collection of chaff, husks, cobs, or other particulate matter from grain unless these particulate are contained in enclosures with openings not larger than the equivalent of 24 mesh screen (Tyler Scale). [Reference Reg. 18 Section 2.1 dated 2/1/81 and Permit:APC-2006/0174 Condition 3.1.4.2]]</p> <p>D. The owner or operator shall not move, or allow to be moved, chaff, husks, or cobs from any grain unless precautions are taken to prevent the unnecessary escape of these materials during transfer. [Reference Reg. 18 Section 2.2 dated 2/1/81 and Permit:APC-2006/0174 Condition 3.1.4.3]</p> <p>E. The grain dryer shall be totally enclosed. [Reference Permit:APC-2006/0174 Condition 3.2]</p>	<p><b>6(b)(1) dated 12/11/00 and Permit:APC-2006/0174 Condition 5.2]]</b></p> <p>A. Each day, for Emission Unit 7:</p> <p>I. Total tons of grain dried.</p> <p>II. Hours of grain drying operation.</p> <p>III. The nature of the grain received (dry, de-husked, de-cobbed).</p> <p>B. Each day, the operations involved in Condition 3- Table 1(c)(2)(iii)(A), (B), (C), and (D).</p> <p>C. Monthly and rolling twelve (12) month total tons of grain dried.</p> <p>D. Monthly and rolling twelve (12) month total hours of operation.</p> <p>E. Statement of compliance with Condition 3- Table 1(c)(2)(iv).</p> <p>F. Each day, the grain dryer's enclosure for tears or leakages.</p> <p>G. Each month, all maintenance performed on Emission Unit 7.</p> <p>H. Enclosure opening size of the grain dryer.</p> <p>vii. Testing</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
iv. Operational Limitation:  The grain drying process capacity of Emission Unit 7 shall not exceed 132 tons/hr [Reference Permit: APC-2006/0174 Condition 3.1.2]	viii. Quality Assurance/Quality Control:  None  ix. Record Keeping:  In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(c)(2)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit:APC-2006/0174 Condition 5.2]	
<b>3. Nitrogen Oxide Emissions</b>		
i. Emission Standard:  The emission of nitrogen oxides (NOx) from Emission Unit 7 shall not exceed those achieved through an annual tune-up performed by qualified personnel. [Reference Reg. 12 Section 3.3(b) dated 11/24/93]  ii. Emission Limitation:  None  iii. Operational Standard:  An annual tune-up shall be conducted by qualified personnel on Emission Unit 7. [Reference Reg. 12 Section 3.3(b) dated 11/24/93 and Permit: APC-2006/0174 Condition 3.1.6]  iv. Operational Limitation	v. Compliance Method:  Compliance with this emission standard and this operational standard will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1) and 6(a)(7), dated 12/11/00]  vi. Monitoring:  A. Upon written request by the Department, the Company shall install, maintain, and use emission monitoring devices, as approved in advance by the Department, to determine the nature and amount of emissions from this source. [Reference Reg. 17 Section 2.1 dated 7/17/84]  B. The Company shall monitor in a log form	x. Reporting:  The Company shall, in addition to the requirements of Conditions 2(b)(9) and 3(c)(2) of this permit, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department with the following information: [Reference 40 CFR 60.48c and Reg. 12 Section 7 dated 11/24/93]  A. The name and location of the facility.  B. The source(s) that caused the excess emissions.  C. The time and date of the first observation of the excess emissions.  D. The cause and expected duration of the

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
None	<p>the scope of the annual tune-ups, work completed, and personnel performing the annual tune-ups. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Reg. 12 Section 3.3(b) dated 11/24/93]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to that required by Condition 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain a log of the tune-ups conducted on Emission Unit 7, and a statement of qualified personnel. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Reg. 12 Section 3.3(b) dated 11/24/93]</p>	<p>excess emissions.</p> <p>E. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions.</p> <p>F. The proposed corrective actions and schedule to correct the conditions causing the excess.</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>
<p><b>d. Emission Units 9, 10, 11, and 12: Grain and Feed Receiving Pits</b></p> <p><b>9. Receiving Pit 1- Grain; 124RA10 Rolfes baghouse (reverse air) control</b></p> <p><b>10. Receiving Pit 2- Grain; 124RA10 Rolfes Baghouse (reverse air) control</b></p> <p><b>11. Receiving Pit 3- Grain; 168-S-10 TRH Mikropul baghouse (pulse jet) control</b></p> <p><b>12. Feed Ingredient Receiving- Feed Ingredients and Additives; 124RLP10 Air Lanco baghouse (reverse air) control</b></p>		



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p><b>1. Particulate</b></p> <p>i. Emission Standard: None</p> <p>ii. Emission Limitation: Air contaminant emission levels from each of the Emission Units 9, 10, 11, and 12 shall not exceed 0.2 grain per standard cubic foot of exhaust air. [Reference Reg. 5 Section 2.1 dated 2/1/81 and Permits: APC-87/020, APC-87/021 Condition 1, APC-2010/0047 Condition 2.1]</p> <p>iii. Operational Standard:</p> <p>A. The Company shall not move or allow to be moved, chaff, husks, or cobs from any grain, unless precautions are taken to prevent unnecessary escape of these materials during transfer. [Reference Reg. 18 Section 2.2 dated 2/1/81 and Permit: APC-2010/0047 Condition 3.1]</p> <p>B. The baghouse on each of the Emission Units 9, 10, 11, and 12 shall be operating properly whenever the associated grain-receiving unit is receiving grain. [Reference Permits: APC-87/020 Condition 5, APC-87/021 Condition 5, and APC-2010/0047 Condition 3.2]</p> <p>C. Proper operation of the differential pressure gauge on each of the baghouses on Emission Units 9, 10, 11, and 12 shall be considered a necessary</p>	<p>v. Compliance Method: Compliance with this emission limitation, these operational standards, and these operational limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), and 6(a)(7), dated 12/11/00]</p> <p>Controlled particulate emissions based upon the process rate equal a maximum of 0.00007 gr/scf. Each emission unit has emissions less than the 0.2 gr/scf standard. Compliance with the emission limitation of Condition 3- Table 1(d)(1)(ii) can be consistently demonstrated when the operational standards of Condition 3- Table 1(d)(1)(iii)(B) and (C) and the operational limitations of Condition 3- Table 1(d)(1)(iv) are met.</p> <p>vi. Monitoring: The Company shall monitor the following: [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit: APC-2010/0047 Condition 5.3]</p> <p>A. Each day, for each of the Emission Units 9, 10, 11, and 12:</p>	<p>x. Reporting: None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c and Permit:APC-2010/0047 Condition 6.4]</p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00 and Permit: APC-2010/0047 Condition 7.4]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>part of proper operation of the associated baghouse. When the baghouse is not equipped with a pressure differential gauge, pressure can be determined by Department approved methods. [Reference Permits: APC-87/020 Condition 6, APC-87/021 Condition 6, APC-2010/0047 Condition 3.3]</p> <p>iv. Operational Limitation:</p> <p>The rate of grain receiving shall not exceed the following: [Reference Reg. 30 Sections 6(a)(1) and 6(b)(1) dated 12/11/00, Permits dated 2/2/01 and Permit: APC-2010/0047 Condition 3.4]</p> <p>A. The grain receiving rate of 454 tons per hour in Emission Unit 9.</p> <p>B. The grain receiving rate of 454 tons per hour in Emission Unit 10.</p> <p>C. The grain receiving rate of 454 tons per hour in Emission Unit 11.</p> <p>D. The feed ingredients and additives receiving rate of 454 tons per hour in Emission Unit 12.</p>	<p>I. Total quantity of grain received.</p> <p>II. Hours of grain receiving operations.</p> <p>III. Rate of grain receiving in tons per hour.</p> <p>IV. Pressure drop of each baghouse. When a normal pressure differential operating range is not established, the Company shall establish this operating range based on this monitoring.</p> <p>B. Each month, on each of the Emission Units 9, 10, 11, and 12: All routine and non-routine maintenance performed on the baghouse including dates and duration of outages.</p> <p>C. A statement of compliance for the operational limitations of Condition 3-Table 1(d)(1)(iii)(A).</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit. [Reference Permit: APC-2010/0047 Condition 4.3]</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(d)(1)(vi) in an initialed logbook. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00, Permit: APC-2010/0047 Condition 5.3]	
<b>2. State Enforceable Only- Particulate Emissions</b>		
<p>i. Emission Standard: None</p> <p>ii. Emission Limitation:</p> <p>A. Total combined grain feed receiving pits' particulate matter emissions from Emission Units 9, 10, and 11 shall not exceed 0.10 ton in any rolling twelve (12) month period. [Reference Reg. 30 Section 6(a)(1) and Section 6(b)(2), dated 12/11/00 and Permits dated 2/2/01.]</p> <p>B. Grain feed receiving pit's particulate matter emissions from Emission Unit 12 shall not exceed 0.034 ton in any rolling twelve (12) month period. [Reference 7 DE Admin. Code 1130 Section 6(a)(1) and Section 6(b)(2), dated 12/11/00, Permits dated 2/2/01 and Permit: APC-2010/0047 Condition 2.2]</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation:</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Compliance shall be demonstrated each month based upon total tons of grain received in Emission Units 9, 10, 11, and 12 for the twelve (12) month period immediately preceding the date of record and calculations performed using formulas and emission factors as found in AP-42. [Reference Regulation No. 30 Section 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>For each of Emission Units 9, 10, 11, and 12, each month, the Company shall monitor the following: [Reference Reg. 30, Section 6(a)(3)(i)(B) and Section 6(b)(2), dated 12/11/00 and Permit: APC-2010/0047 Condition 5.4]</p> <p>A. Total combined tons of grain received.</p> <p>B. Total combined tons of grain received for</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c and Permit: APC-2010/0047 Condition 6.4]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00 and Permit: APC-2010/0047 Condition 7.4]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
None	<p>the twelve (12) month period immediately preceding the date of record.</p> <p>C. Total combined particulate emissions.</p> <p>D. Total combined particulate matter emissions for the twelve (12) month period immediately preceding the date of record.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit. <b>[Reference Permit: APC-2010/0047 Condition 4.3]</b></p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1 (d)(2)(vi). <b>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00 and Permit: APC-2010/0047 Condition 5.4]</b></p>	
<b>e. Emission Unit 52- Storage Tank, Gasoline; 10,000 gallons</b>		
<b>1. Standards</b>		
i. Emission Standard:	v. Compliance Method:	x. Reporting:

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>None</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>A. Emission Unit 52 shall be loaded by submerged fill only. [Reference Reg. 24 Section 26(c)(1)(i) dated 1/11/93]</p> <p>B. Emission Unit 52 shall store only gasoline, or any other volatile organic liquid with a true vapor pressure less than 0.5 pound per square inch absolute (PSIA) at 70°F. [Reference Reg. 1102 (Appendix A dated 1/11/06) and Reg. 30 6(a)(1) and 6(b)(1) dated 12/11/00]</p> <p>iv. Operational Limitation:</p> <p>Monthly throughput of gasoline shall be less than 10,000 gallons. [Reference Reg. 24 Section 26(a)(3) dated 1/11/93]</p>	<p>Compliance with these operational standards and operation limitation will be demonstrated by adherence to the appropriate monitoring, testing, and Record Keeping requirements. [Reference Regulation No. 30 Section 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: [Reference Reg. 30 Section 6(a)(3)(i)(B) and Section 6(b)(1), dated 12/11/00]</p> <p>A. Monthly throughput of gasoline.</p> <p>B. The method of gasoline storage tank loading.</p> <p>C. Daily quantity of gasoline delivered to the site. [Reference Reg. 24 Section 26(d) dated 1/11/93]</p> <p>D. Each shipment, the Company shall monitor the type and vapor pressure of volatile organic liquid stored in Emission Unit 52.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p>	<p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall record the following information:</p> <p>A. The monitoring required in Condition 3- Table 1(e)(1)(vi). [Reference Reg. 30 Section 6(a)(3)(i)(B) and Section 6(b)(1) , dated 12/11/00 and Reg. 24 Section 26(d) dated 1/11/93]</p> <p>B. Records of each storage vessel showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. [Reference Reg. 24 Section 49(e)(2) dated 11/29/94]</p>	
<p><b>f. Emission Units 53, 54, 55, and 56; Feed Mill</b></p> <p><b>53. Hammermill- 120 MWP 6868 MAC baghouse (reverse air) control</b></p> <p><b>54. Pellet Cooler 1- 300 HP (electric), multiple (four (4) stage) cyclone control</b></p> <p><b>55. Pellet Cooler 2- 250 HP (electric), multiple (two (2) stage) cyclone control</b></p> <p><b>56. Batching Bin Filter/Pneumatic Receiving- 24 RJ 60 MAC baghouse (reverse air) control</b></p>		
<p><b>1. Particulate</b></p>		
i. Emission Standard:	v. Compliance Method:	x. Reporting:

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>None</p> <p>ii. Emission Limitation:</p> <p>Air contaminant emission levels from each of the Emission Units 53, 54, 55, and 56 shall not exceed 0.2 grain per standard cubic foot of exhaust air. <b>[Reference Reg. 5 Section 2.1 dated 2/1/81]</b></p> <p>iii. Operational Standard:</p> <p>A. The baghouse on Emission Unit 53, the cyclone on Emission Unit 54, the cyclone on Emission Unit 55, and the baghouse on Emission Unit 56, shall be operating properly whenever the associated process unit is in operation.</p> <p>B. Proper operation of the differential pressure gauge on each of the baghouse, cyclone, cyclone, and baghouse, on Emission Units 53, 54, 55, and 56, respectively, shall be considered a necessary part of proper operation of the associated cyclone or baghouse. When the baghouse or cyclone is not equipped with a pressure differential gauge, pressure shall be determined by Department approved methods. <b>[Reference Reg. 30 Sections 6(a)(1) and 6(b)(1) dated 12/11/00 and Permits dated 2/2/01]</b></p> <p>iv. Operational Limitation:</p>	<p>Compliance with this emission standard and these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Particulate emissions based upon the process rate equal a controlled maximum of 0.0045 gr/scf. Each emission unit has emissions less than the 0.2 gr/scf standard. Compliance with the emission limitation of Condition 3- Table 1(f)(1)(ii) can be consistently demonstrated when the operational standards and operational limitations are met. <b>[Reference Regulation No. 30 Section 6(a)(7), dated 12/11/00]</b></p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: <b>[Reference Reg. 30, Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</b></p> <p>A. Each day, on each of the Emission Units 53, 54, 55, and 56:</p> <p>I. Total quantity of feed processed.</p> <p>II. Hours feed processed.</p> <p>III. Rate of feed processing in tons per hour.</p> <p>IV. Pressure drop for each control device. When a normal pressure differential operating range is not established, the Company shall</p>	<p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. <b>[Reference 40 CFR 60.48c]</b></p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. <b>[Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</b></p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>A. The process capacity of Emission Unit 53-Hammermill shall not exceed 70 tons per hour.</p> <p>B. The process capacity of Emission Unit 54-Pellet Cooler 1 shall not exceed 50 tons per hour.</p> <p>C. The process capacity of Emission Unit 55-Pellet Cooler 2 shall not exceed 50 tons per hour.</p> <p>D. The process capacity of Emission Unit 56-Batching Bin Filter/Pneumatic Receiving shall not exceed 100 tons per hour.</p>	<p>establish this operating range based on this monitoring.</p> <p>B. Each month, on each of the Emission Units 53, 54, 55, and 56: All routine and non-routine maintenance performed on the cyclone or baghouse including dates and duration of outages.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2), the Company shall maintain records of the monitoring required in Condition 3- Table 1(f)(1)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p>	
<p>2. <b>State Enforceable Only- Particulate Emissions</b></p>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>Total combined feed mill's particulate matter emissions from Emission Units 53, 54, 55, and 56, shall not exceed 8.06 tons in any</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Compliance shall be demonstrated each month based upon feed processed in Emission Units 53, 54, 55, and</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p>



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>rolling twelve (12) month period. [Reference Reg. 30 Section 6(a)(1) and Section 6(b)(2), dated 12/11/00]</p> <p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>56 for the twelve (12) month period immediately preceding the date of record and calculations performed using formulas and emission factors as found in AP-42 or approved by the Department. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(2), and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>Each month, the Company shall monitor the following: [Reference Reg. 30 Section 6(a)(3)(i)(B) and Section 6(b)(2), dated 12/11/00]</p> <p>A. Total combined tons of feed processed.</p> <p>B. Total combined tons of feed processed in Emission Units 53, 54, 55, and 56 for the twelve (12) month period immediately preceding the date of record.</p> <p>C. Total combined particulate emissions.</p> <p>D. Total combined particulate matter emissions for the twelve (12) month period immediately preceding the date of record.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p>	<p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>ix. Record Keeping:</p> <p>In addition to the requirements of Condition 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(f)(2)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00]</p>	
<p><b>g. Insignificant Activities</b></p> <p><b>(2) Hatchery Boilers- 1.38 MMBTU/hr, fired on No. 2 fuel oil</b></p> <p><b>(18) Hatchery HVAC Units- 0.36- 0.48 MMBTU/hr, fired on propane</b></p>		
<p><b>1. Particulate</b></p>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>For the listed insignificant activities which are combustion units rated at 1.0 MMBTU/hr or greater but less than 10 MMBTU/hr and fired on No. 2 fuel oil or propane, particulate emissions shall not exceed 0.3 pound per million BTU heat input on a maximum two (2) hour average. [Reference Reg. 4 Section 2.1 dated 2/1/81]</p> <p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Particulate emissions calculated using AP-42 emission factors and maximum firing rates of the listed insignificant activities fired on No. 2 fuel oil or propane are less than the 0.3 lb/MMBTU standard. Compliance can be consistently demonstrated when these emission units are fired on No. 2 fuel oil or propane. [Reference Regulation No. 30 Sections 6(a)(3)(i)(C), 6(b)(1) and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following:</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
None	<p>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>A. The type of fuel used to fire the combustion units rated 1.0 MMBTU/hr or greater but less than 10 MMBTU/hr.</p> <p>B. The sulfur content of the No. 2 fuel oil for each shipment of fuel.</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(g)(1)(vi). [Reference Reg. 30, Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p>	
2. <b>Sulfur Oxides</b>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>None</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission standard and these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), and</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p> <p>The Company shall not purchase or use in any fuel burning equipment No. 2 fuel oil having a sulfur content greater than 0.3 percent by weight. [Reference Reg. 8 Section 2.2 dated 5/9/85]</p>	<p><b>6(a)(7), dated 12/11/00]</b></p> <p>vi. Monitoring:</p> <p>The Company shall monitor the sulfur content of No. 2 fuel oil for each shipment of fuel oil. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>A. The monitoring required in Condition 3 Table 1(g)(2)(vi).</p> <p>B. For each shipment of No. 2 fuel oil (diesel fuel), supplier certification of fuel sulfur content that states:</p> <p>I. The name of the oil supplier.</p> <p>II. The oil complies with the specifications for fuel oil Nos. 1 or 2, as defined by the American Society</p>	<p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>for Testing and Materials in ASTM D396, "Standard Specification for Fuel Oils."</p> <p>III. The sulfur content of the oil as determined by ASTM methods: D129, D1552, D2622, or D4294.</p>	
<p><b>h. Insignificant Activities</b></p> <p><b>Emission Units 27-I, 28-I, and 29-I; Storage Tanks</b></p> <p><b>27-I. Storage Tank- No. 6 fuel oil; 30,000 gallons (above ground)</b></p> <p><b>28-I and 29-I. Storage Tanks- No. 2 fuel oil; each 20,000 gallons</b></p>		
<p><b>1. Standards</b></p>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>Each of the storage tanks, Emission Units 28-I and 29-I, shall store only volatile organic liquid with a true vapor pressure less than 0.5 pound per square inch.</p> <p>iv. Operational Limitation:</p> <p>A. Emission Unit 27-I shall store only No. 6 fuel oil (with a fuel-sulfur content of 2.0% or less by weight).</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission standard and these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor that only No. 6 fuel oil (with a fuel-sulfur content of 2.0% or less by weight) is stored in Emission Unit 27-I and only No. 2 fuel oil is stored in Emission Units 28-I and 29-I. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1), dated 12/11/00]</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>B. Emission Units 28-I and 29-I shall store only No. 2 fuel oil.</p>	<p>vii. Testing:</p> <p>A. For Emission Unit 27-I: That required by Condition 3(b)(1)(ii) of this permit.</p> <p>B. For Emission Units 28-I and 29-I: None</p> <p>viii. Quality Assurance/Quality Control: None</p> <p>ix. Record Keeping: In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following:</p> <p>A. For Emission Units 27-I, 28-I, and 29-I:</p> <p>I. The monitoring required in Condition 3- Table 1(h)(1)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>II. The dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. [Reference Reg. 24 Section 49(e)(2) dated 11/29/94]</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<b>i. Insignificant Activities</b> <b>Emission Units 73-I, 74-I, 75-I, and 76-I (inclusive): Storage Tanks</b> <b>73-I and 76-I. Storage Tanks- No. 2 fuel oil; each 3,000 gallons</b> <b>74-I. Storage Tank- No. 2 fuel oil; 10,000 gallons</b> <b>75-I. Storage Tank- No. 2 fuel oil; 30,000 gallons</b>		
<b>1. Standards</b>		
<b>i. Emission Standard:</b> None  <b>ii. Emission Limitation:</b> None  <b>iii. Operational Standard:</b> Each of the storage tanks, Emission Units 73-I, 74-I, 75-I, and 76-I (inclusive), shall store only volatile organic liquid with a true vapor pressure less than 0.5 pound per square inch.  <b>iv. Operational Limitation:</b> Emission Units 73-I, 74-I, 75-I, and 76-I shall store only No. 2 fuel oil.	<b>v. Compliance Method:</b> Compliance with this operation standard and operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Reg. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), 6(a)(7), dated 12/11/00]  <b>vi. Monitoring:</b> The Company shall monitor that only No. 2 fuel oil is stored in Emission Units 73-I, 74-I, 75-I, and 76-I. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]  <b>vii. Testing:</b> None  <b>viii. Quality Assurance/Quality Control:</b> None  <b>ix. Record Keeping:</b> In addition to the requirements of Conditions	<b>x. Reporting:</b> None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]  <b>xi. Certification:</b> None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following:</p> <p>A. The monitoring required in Condition 3-Table 1(i)(1)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>B. For Emission Units 74-I and 75-I: The dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. [Reference Reg. 24 Section 49(e)(2) dated 11/29/94]</p>	
<b>j. Insignificant Activities</b> <b>Emission Unit 63-I: Fire Pump</b> <b>63-I. Emergency Fire Pump- 360 HP Cummins 155-1P; fired on diesel (No. 2) fuel oil</b>		
<b>1. Criteria Pollutants</b>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p> <p>A. The Company shall combust only diesel</p>	<p>v. Compliance Method:</p> <p>Compliance with these operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Section 6(a)(3)(ii)(C), 6(b)(1), and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>The Company shall monitor the following: [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p>	<p>x. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>(No. 2) fuel in the fire pump.</p> <p>B. The sulfur content of the diesel fuel fired shall not exceed 0.3 percent by weight. [Reference Reg. 8 Section 2.2 dated 5/9/85]</p> <p>C. The diesel fuel consumption for the fire pump shall not exceed 982 gallons in any rolling twelve (12) month period.</p> <p>D. Total operation time shall not exceed 150 hours for the fire pump in any rolling twelve (12) month period.</p>	<p>A. For each <u>month</u>:</p> <p>I. Operating hours to include the date, time, and reasons of usage for Emission Unit 63-I.</p> <p>II. The type of fuel combusted.</p> <p>III. The total fuel usage.</p> <p>IV. Total fuel usage for the twelve (12) month period immediately preceding the date of record.</p> <p>B. Sulfur content of diesel (No. 2) fuel, for each delivery.</p> <p>vii. Testing: That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control: None</p> <p>ix. Record Keeping: In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>A. The monitoring required in Condition 3-Table 1(j)(1)(vi).</p> <p>B. For each delivery, fuel supplier</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>certifications for the diesel (No. 2) fuel sulfur content that state:</p> <ul style="list-style-type: none"> <li>I. The name of the oil supplier.</li> <li>II. A statement that the oil complies with the specifications for fuel oil Nos. 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396, "Standard Specification for Fuel Oils."</li> <li>III. The sulfur content of the oil as determined by ASTM methods: D129, D1552, D2622 or D4294.</li> </ul> <p>C. For the fire pump, each month:</p> <ul style="list-style-type: none"> <li>I. Total monthly and rolling twelve (12) month totals of diesel fuel usage in gallons.</li> <li>II. Monthly and rolling twelve (12) month totals of operating hours.</li> <li>III. Any maintenance performed.</li> </ul>	
<p><b>k. Emission Unit 77: Emergency Generator</b></p> <p><b>77. One (1) Hatchery Generator- 1005 HP (750 kW) Cummins Model QST30-G1, fired on diesel (No. 2) fuel</b></p> <p><b>Insignificant Activities</b></p> <p><b>Emission Units 60-I, 61-I, 62-I, and 78-I: Emergency Generators</b></p> <p><b>60-I. Hatchery Generator- 540 HP (350 kW) Cummins Model KTA 1150 GS1, fired on diesel (No. 2) fuel</b></p>		

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<b>61-I. Poultry Plant 1 (Wastewater) Generator- 490 HP (300 kW) Kohler 300REOZDD (Tier 3), fired on diesel (No. 2) fuel</b> <b>62-I. Poultry Plant 2 (Picking) Generator- 90 HP (55 kW) John Deere TO4039T338577; fired on diesel (No. 2) fuel</b> <b>78-I. One (1) Administration Building Generator- 268 HP (200 kW) Kohler Model 200REOZP, fired on diesel (No. 2) fuel</b>		
<b>1. Criteria Pollutants</b>		
<p>i. Emission Standard:  Emission Unit 61-I shall meet the applicable emissions standards set by the US EPA for non-road engines. [Reference Title 40 CFR Part 89, Section 89.112(a), dated July 1, 2009 and Permit: APC-2010/0049 Condition 2.1]</p> <p>ii. Emission Limitation:  None</p> <p>iii. Operational Standard:  [Reference Reg. 30 Sections 6(a)(1) and 6(b)(1) dated 12/11/00]</p> <p>A. Emission Unit 61-I may only operate for an unlimited number of hours during an emergency as described in Condition 3- Table 1(k)(1)(iii)(C). [Reference 7 DE Admin. Code 1144 Section 4.1 dated 1/11/06 and Permit: 2010/0049 Condition 3.1]</p> <p>B. Emission Unit 61-I may operate for an unlimited number of hours during testing or for maintenance purposes, pursuant to the definition of emergency generator as defined in 7 DE Admin. Code 1144, except as restricted by Condition 3- Table</p>	<p>v. Compliance Method:  Compliance with these operation standards and operation limitations will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Regulation No. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:  The Company shall monitor the following:  [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>A. For each month:</p> <p>I. Operating hours for each of the generators Emission Units 60-I, 61-I, 62-I, 77, and 78-I. [Reference Reg. 1144 Section 6.1.3 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.3.2]</p> <p>II. The type of fuel combusted in each of the Emission Units 60-I, 61-I, 62-I, 77, and 78-I. [Reference Permit: APC-2010/0049 Condition 4.6]</p> <p>III. The fuel usage for each of the</p>	<p>x. Reporting:</p> <p>A. The Company shall, in addition to that required by Conditions 2(b)(9) and 3(c)(2) of this permit, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department with the following information: [Reference 40 CFR 60.48c and Reg. 30 Sections 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00 and Permit: APC-2010/0049 Condition 6.3]</p> <p>I. The name and location of the facility.</p> <p>II. The source(s) that caused the excess emissions.</p> <p>III. The time and date of the first observation of the excess emissions.</p> <p>IV. The cause and expected duration of the excess emissions.</p> <p>V. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>1(k)(1)(iv)(B). [Reference 7 DE Admin. Code 1144 Section 4.2 dated 1/11/06 and Permit: APC-2010/0049 Condition 3.2]</p> <p>C. The emergency generators may only operate during an emergency as defined below:</p> <p>I. An electrical power outage due to: a failure of the electrical grid; on-site disaster; local equipment failure; or public service emergencies such as flood, fire, natural disaster, or severe weather conditions (e.g. hurricane, tornado, blizzard, etc.); or</p> <p>II. When there is a deviation of voltage or frequency from the electrical provider to the premises of three percent (3%) or greater above, or five percent (5%) or greater below, the standard voltage or frequency. [Reference Reg. 1144 Section 2.0 dated 1/11/06 and Permit: APC-2010/0049 Condition 3.5]</p> <p>D. The emergency generators shall not be operated for testing or maintenance purposes before 5 p.m. on any day which has a Ground Level Ozone Pollution Forecast or Particulate Forecast of "Code Purple," "Code Red," or "Code Orange" as announced by the Department. [Reference Reg. 1144 Section 4.4 dated 1/11/06 and Permit: APC-2010/0049]</p>	<p>Emission Units 60-I, 61-I, 62-I, 77, and 78-I. [Reference Reg. 1144 Section 6.1.1 dated 1/11/06, Permit: APC-2010/0049 Conditions 4.6 and 5.3.4]</p> <p>IV. The date, time, duration, and reason for each emergency generator start-up. The log shall include the dates and descriptions of inspections, testing, operator training, and maintenance performed. [Reference Reg. 1144 Section 6.1.3 dated 1/11/06 and Permit: APC-2010/0049 Conditions 4.6 and 5.3.1]</p> <p>B. Total fuel usage for Emission Units 60-I, 61-I, 62-I, 77, and 78-I for the twelve (12) month period immediately preceding the date of record. [Reference Reg. 1144 Section 6.1.1 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.3.4]</p> <p>C. Total operating hours of Emission Units 60-I, 61-I, 62-I, 77, and 78-I for the twelve (12) month period immediately preceding the date of record. [Reference Reg. 1144 Section 6.1.3 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.3.2]</p> <p>D. Type of fuel and sulfur content of each fuel delivery. [Reference Reg. 1144 Sections 5.1 and 6.1.4 dated 1/11/06]</p> <p>E. Total operating hours during which testing or maintenance occurred for the twelve (12) month period immediately</p>	<p>in determining the magnitude of the excess emissions.</p> <p>VI. The proposed corrective actions and schedule to correct the conditions causing the excess emissions. [Reference 7 DE Admin. Code 1112 Section 7.3 paragraphs 1, 2, 3, 4, and 5 dated 11/24/93]</p> <p>B. If Emission Unit 61-I is to be reclassified from an emergency generator to a distributed generator, the owner or operator shall submit to the Department a letter stating that the generator is to be reclassified. Reclassification shall not occur without written permission from the Department. [Reference 7 DE Admin. Code 1144 Section 1.3.3 and Permit: APC-2010/0049 Condition 6.4]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p><b>Condition 3.6]</b></p> <p>The owner or operator may receive "Code Purple," "Code Red," and "Code Orange" registering to the following email list: <a href="http://www.dnrec.state.de.us/DNREC2000/admin/maillists/maillists.html">www.dnrec.state.de.us/DNREC2000/admin/maillists/maillists.html</a></p> <p>E. Despite the prior condition, the emergency generator may be tested on any day that such testing is required to meet National Fire Protection Association (NFPA) or Joint Commissions on Accreditation of Healthcare Organizations (JCAHO) Standards. [Reference Reg. 1144 Section 4.5 dated 1/11/06 and Permit: APC-2010/0049 Condition 3.7]</p> <p>F. The emergency generators shall not be operated in conjunction with a voluntary demand-reduction program or any other interruptible power supply arrangement with a utility, other market participant, or system operator (e.g. Delmarva Power, Delaware Electric Cooperative, PJM, etc.). [Reference Reg. 1144 Section 2.0 dated 1/11/06 and Permit: APC-2010/0049 Condition 3.8]</p> <p>G. The emergency generators shall be equipped with a properly functioning non-resettable hour metering device. [Reference Reg. 1144 Section 6.1.2 dated 1/11/06 and Permit: APC-2010/0049 Condition 3.9]</p>	<p>preceding the date of record. [Reference Reg. 1144 Section 6.1.3 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.3.3]</p> <p>F. The testing or maintenance performed on each generator. [Reference Reg. 1144 Section 6.1.3 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.3.5]</p> <p>vii. Testing</p> <p>A. The Department reserves the right to require that the owner or operator perform emission tests using methods approved in advance by the Department. [Reference 7 DE Admin. Code 1117 Section 2.2 dated 7/17/84 and Permit: APC-2010/0049 Condition 4.1]</p> <p>B. If Emission Unit 61-I is not certified by the manufacturer to meet the applicable emissions standards set by the US EPA for non-road engines (Title 40 CFR Part 89, Section 89.112(a), dated July 1, 2009), the owner or operator shall demonstrate compliance with 7 DE Admin. Code 1144 through testing using the applicable EPA Reference Methods, California Air Resources Board methods, or equivalent test methods approved in advance by the Department. [Reference 7 DE Admin. Code 1144 Section 7.5.1 and Permit: APC-2010/0049 Condition 4.2]</p> <p>C. The sulfur content of each shipment of</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>H. Emission Unit 61-I shall be serviced annually by a manufacturer's representative or by personnel trained to perform maintenance according to the manufacturer's recommendations. [Reference 7 DE Admin. Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/00 and Permit: APC-2010/0049 Condition 3.10]</p> <p>I. The owner or operator shall operate Emission Unit 61-I in conformance with the generator manufacturer's instructions, such as following maintenance and operating requirements to help minimize emissions. [Reference 7 DE Admin. Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/00, 7 DE Admin. Code 1144 Section 3.1.1 dated 1/11/06, and Permit: APC-2010/0049 Condition 3.11]</p> <p>iv. Operational Limitation: [Reference Reg. 30 Sections 6(a)(1) and 6(b)(1) dated 12/11/00 and Permit: APC-2010/0049 Conditions 3.3 and 3.4 ]</p> <p>A. The Company shall combust only No. 2 fuel oil (diesel) in Emission Units 60-I, 61-I, 62-I, 77, and 78-I.</p> <p>B. Each shipment of fuel oil received for use in the generators shall have a sulfur content equal to or less than 0.05 percent by weight. [Reference Reg. 1144 Section 5.1 dated 1/11/06]</p>	<p>diesel fuel or biodiesel blend shall be determined using the following sampling and testing methods as described in 40 CFR Part 80 Section 80.580 (July 1, 2007): [Reference 7 DE Admin. Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/00, 7 DE Admin. Code 1144 Section 7.5.2.1 and 7.5.2.2 dated 1/11/06 and Permit: APC-2010/0049 Condition 4.4]</p> <p>I. <u>Manual Sampling</u>: American Society for Testing and Materials (ASTM) method D4057-95 or D5842-95 if there is no contamination present that could affect the sulfur testing requirements;</p> <p>II. <u>Automatic Sampling</u>: ASTM method D4177-95;</p> <p>III. <u>Sulfur Testing Method</u>: ASTM method D2622-03;</p> <p>IV. <u>Alternative Sulfur Testing Method</u>: ASTM methods D4294-03, D5453-03a, or D6920-03, provided that the refiner or importer test result is correlated with method D2622-03; or</p> <p>V. <u>Alternative Sulfur Testing Method</u>: Sulfur content may be determined using any test method approved under 40 CFR Part 80, Subpart I Section 80.585.</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: <b>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</b></p> <p>A. The monitoring required in Condition 3- Table 1(k)(1)(vi). Hours of operation, fuel usage, and operating hours for testing and maintenance shall be recorded for monthly and cumulative twelve (12) month periods within thirty (30) days of the end of each calendar month. <b>[Reference Permit: APC-2010/0049 Conditions 5.3.2, 5.3.3, and 5.3.4]</b></p> <p>B. The testing required in Condition 3- Table 1(k)(1)(vii).</p> <p>C. The sulfur content of the diesel fuel or biodiesel blend to include the shipping receipt and fuel certification for each diesel fuel or biodiesel blend shipment which identifies the type of fuel delivered and the percentage of sulfur (by dry weight basis) and method used to determine the sulfur content. <b>[Reference Reg. 1144 Section 6.1.4 dated 1/11/06 and Permit: APC-2010/0049 Condition 5.4]</b></p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>D. As an alternative to Condition 3- Table 1(k)(1)(ix)(C), the owner or operator may have the fuel in the generator's associated storage tank certified by a third party laboratory after each shipment of fuel. This certification shall identify the percentage of sulfur (by weight dry basis) and the method used to determine the sulfur content. [Reference Reg. 1144 Section 6.1.5 dated 1/11/06 and Permit: APC-2010/0049 Conditions 4.5 and 5.5]</p> <p>E. The owner or operator shall maintain a record of proper initial notification as required by State of Delaware Regulation 1144. [Reference Permit: APC-2010/0049 Condition 5.6]</p> <p>F. The owner or operator shall maintain a copy of the emergency generator's manufacturer's maintenance and operating recommendations at the facility. [Reference Permit: APC-2010/0049 Condition 5.7]</p> <p>G. The owner or operator shall maintain a copy of Emission Unit 61-I's manufacturer's certification that the engine has been certified to meet the currently applicable US EPA non-road emissions standards (Title 40 CFR Part 89, Section 89.112(a), dated July 1, 2009). If such certification is not</p>	



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>available, the owner or operator shall maintain records of any testing conducted pursuant to Condition 3-Table 1(k)(1)(vii)(B). [Reference Permit: APC-2010/0049 Condition 5.8]</p> <p>H. The owner or operator shall maintain a copy of the emergency generator's annual maintenance service at the facility. [Reference Permit: APC-2010/0049 Condition 5.9]</p>	
<b>2. Particulate</b>		
<p>i. Emission Standard: None</p> <p>ii. Emission Limitation: Particulate emissions from Emission Units 60-I, 61-I, and 77 shall not exceed 0.3 pound per million BTU heat input on a maximum two (2) hour average. [Reference 7 DE Admin. Code 1104 Section 2.1 dated 2/1/81 and Permit: APC-2010/0049 Condition 2.2]</p> <p>iii. Operational Standard: None</p> <p>iv. Operational Limitation: None</p>	<p>v. Compliance Method: Compliance with this emission limitation will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Particulate emissions when using AP-42 emission factors are 0.283 lb/MMBTU for Emission Unit 60-I, 0.022 lb/MMBTU for Emission Unit 61-I, and 0.1 lb/MMBTU for Emission Unit 77 and demonstrate compliance with the 0.3 lb/MMBTU standard. Therefore, compliance with the emission limitation shall be consistently demonstrated while No. 2 fuel oil (diesel) is the fuel combusted in Emission Units 60-I, 61-I, and 77 and shall be based upon record keeping of fuel supplier certifications. [Reference Regulation No. 30 Sections 6(a)(3)(i)(C), 6(b)(1), and 6(a)(7), dated 12/11/00]</p>	<p>x. Reporting: None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification: None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>vi. Monitoring:</p> <p>Each month the Company shall monitor the type of fuel used to operate Emission Units 60-I, 61-I, and 77. [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(k)(2)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p>	
<b>3. Nitrogen Oxide Emissions</b>		
<p>i. Emission Standard:</p> <p>None</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>Emission Unit 77 shall operate using lean burn technology with an air to fuel ratio</p>	<p>v. Compliance Method:</p> <p>Compliance with this operation standard will be demonstrated by adherence to the appropriate monitoring, testing, and record Keeping requirements. [Reference Reg. 30 Sections 6(a)(3)(ii)(C), 6(b)(1) and 6(a)(7), dated 12/11/00]</p> <p>vi. Monitoring:</p>	<p>x. Reporting:</p> <p>The Company shall, in addition to that required by Conditions 2(b)(9) and 3(c)(2) of this permit, for each occurrence of excess emissions, within thirty (30) calendar days of becoming aware of such occurrence, supply the Department with the following information: [Reference 40 CFR 60.48c and Reg.</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>greater than 16 to 1. [Reference Reg. 12 Section 3.4 dated 11/24/93]</p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>Upon written request by the Department, the Company shall install, maintain, and use emission monitoring devices, as approved in advance by the Department, to determine the nature and amount of emissions from this source. [Reference Reg. 17 Section 2.1 dated 7/17/84]</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the air to fuel ratio of each generator as supplied by the manufacturer of each generator. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00 and Permit:APC-03/0251 Condition 5]</p>	<p><b>12 Section 7 dated 11/24/93]</b></p> <p>A. The name and location of the facility.</p> <p>B. The source(s) that caused the excess emissions.</p> <p>C. The time and date of the first observation of the excess emissions.</p> <p>D. The cause and expected duration of the excess emissions.</p> <p>E. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions.</p> <p>F. The proposed corrective actions and schedule to correct the conditions causing the excess.</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>
<b>I. Facility Wide</b>		
<b>1. Visible Emissions</b>		
<p>i. Emission Standard:</p> <p>None</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission limitation will</p>	<p>x. Reporting:</p> <p>None in addition to that required by</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>ii. Emission Limitation:</p> <p>The emissions of visible air contaminants shall not exceed twenty (20) percent opacity for an aggregate of more than three (3) minutes in any one (1) hour period or more than fifteen (15) minutes in any twenty-four (24) hour period. [Reference Reg. 1114 Section 2.1 dated 7/17/84, Permit:APC-81/878 Condition 3, Permits dated 2/2/01, Permit:APC-84/821 Condition 4, Permit:APC-03/0251 Condition 2, Permit:APC-2006/0174 Condition 2.2, Permit:APC-2008/0160 Condition 2.2, Permit: APC-2010/0047 Condition 2.3, Permit: APC-2010/0049 Condition 2.3, Permit: APC-2010/0082 Condition 2.4 and Permit: APC-2010/0083 Condition 2.4]</p> <p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. [Reference Reg. 30 Sections 6(a)(3)(ii)(C), 6(b)(1), 6(a)(7), dated 12/11/00]</p> <p>A. Compliance with the emission limitation of Condition 3- Table 1(l)(1)(ii) shall be based upon proper operation and maintenance of the equipment covered by this permit and record keeping.</p> <p>B. For Emission Units 3, 6, and 7, the Company shall certify at least once each calendar year that compliance with Condition 3- Table 1(l)(2) demonstrates compliance with Condition 3- Table 1(l)(1)(ii) by conducting a modified Reference Method 9 in accordance with Condition 3- Table 1(l)(1)(vi) and (vii).</p> <p>vi. Monitoring:</p> <p>[Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>A. For Emission Units 3, 6, and 7, at a minimum, the Company shall monitor visible emissions per paragraph (vii) once each calendar year and record observations in a log. [Reference Permit:APC-2006/0174 Condition 4.2 and Permit:APC-2008/0160 Condition 4.2]</p> <p>B. For Emission Units 9, 10, 11, 12, 53, 54, 55, and 56, there are no additional visible</p>	<p>Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>xi. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>emission periodic monitoring for these sources provided the Company is in compliance with the operational/ maintenance requirements of Condition 3- Table 1(I)(2).</p> <p>C. For Emission Units 60-I, 62-I, 63-I, 77 and 78-I: The Company shall monitor the presence or absence of visible emissions during generator/fire pump operation start-up and operation, when the facility is operating during daylight hours and record observations in a log using the following procedure:</p> <p>I. "Survey of emission point for the presence or absence of visible emissions" shall be defined as a minimum period of five (5) consecutive minutes.</p> <p>II. The detection of the presence or absence of visible emissions shall be in accordance with the procedures of EPA Reference Method 22 (40 CFR 60, Appendix A) paragraphs 4 and 5 which follow.</p> <p>III. This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the determination of whether visible emissions occur and</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference Method 9 (40 CFR 60, Appendix A) is not required. However, it is necessary that the observer is educated on the general procedures for determining the presence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor).</p> <p>IV. If visible emissions are observed for three (3) consecutive minutes, the visible emission survey shall be stopped and corrective action shall be taken. After the corrective action has been completed, the visible emissions survey shall be resumed.</p> <p>V. If visible emissions are observed again, an EPA Reference Method 9 visible emissions observation shall be conducted. If visible emissions exceed those limits identified in Reg. 14, the emergency generator/fire</p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>             pump shall be taken off-line and corrective action shall be taken. If visible emissions do not exceed those limits identified in Reg. 14, but are still present and not part of normal operations, the survey for the presence or absence of visible emissions and further corrective action shall continue until the problem is corrected or the emission unit is taken off-line.           </p> <p>             D. For Emission Unit 61-I: [Reference 7 DE Admin. Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/00 and Permit: APC-2010/0049 Condition 4.3]           </p> <p>             I. Once a month the emergency generator shall be observed for the presence or absence of visible emissions for at least fifteen (15) minutes while the equipment is operating. Compliance with this condition shall be demonstrated by the maintenance of a bound log of visible emissions. If visible emissions are observed, the owner or operator shall take actions per manufacturer's recommendations to correct the problem as soon as possible. After corrective actions are taken, the owner or operator shall observe visible emissions when the equipment           </p>	

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p>is next operated or tested. If visible emissions still persist, these steps (observe, correct, document) shall be repeated until visible emissions are not observed.</p> <p>II. This procedure does not require that the opacity of the emissions be determined. Since this procedure requires only the determination of whether visible emissions occur and does not require the determination of opacity levels, observer certification according to the procedures of EPA Reference Method 9 (40 CFR 60, Appendix A) is not required. However, it is necessary that the observer is educated on the general procedures for determining the presence of visible emissions. At a minimum, the observer must be trained and knowledgeable regarding the effects on visibility of emissions caused by background contrast, ambient lighting, observer position relative to lighting, wind, and the presence of uncombined water (condensing water vapor).</p> <p>vii. Testing:</p> <p>[Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00, Permit:APC-2006/0174</p>	



**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
	<p><b>Condition 4.2 and Permit: APC-2008/0160 Condition 4.2]</b> In addition to that required by Condition 3(b)(1)(ii) of this permit, the Company shall conduct the annual modified Reference Method 9 visible emissions test in accordance with Regulation 20, Section 1.5(c) dated 12/7/88.</p> <p>viii. Quality Assurance/Quality Control: None</p> <p>ix. Record Keeping: In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the information monitored in accordance with Condition 3- Table 1(l)(1)(vi). [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1), dated 12/11/00, Permit: APC-2006/0174 Condition 5.2, Permit: APC-2008/0160 Condition 5.2, and Permit: APC-2010/0049 Condition 5.3.6]</p>	
<b>2. Operations/Maintenance</b>		
<p>i. Emission Standard: None</p> <p>ii. Emission Limitation: None</p> <p>iii. Operational Standard: A. All structural and mechanical components of the equipment covered by this permit</p>	<p>v. Compliance Method: Compliance with this operation standard will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Compliance shall be demonstrated by adherence to good engineering operation and work practices, and based upon record keeping for the proper operation and maintenance of the</p>	<p>ix. Reporting: None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>x. Certification: None in addition to that required by Condition 3(c)(3) of this permit. [Reference</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p>shall be maintained in proper operating condition and such equipment shall be operated at all times in a manner consistent with good air pollution control practice. [Reference 7 DE Admin. Code 1101 Section 3 dated 2/1/81, 7 DE Admin. Code 1102 Section 11.6 dated 6/11/06, Permit: APC-2006/0174 Condition 3.4, Permit: APC-2010/0047 Condition 3.6, Permit: APC-2010/0049 Condition 3.13, Permit: APC-2010/0082 Condition 3.4 and Permit: APC-2010/0083 Condition 3.4]</p> <p>B. At all times, including periods of start-up, shutdown, and malfunction, the owner or operator shall, to the extent practicable, maintain and operate the facility, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [Reference 7 DE Admin. Code 1101 Section 3 dated 2/1/81, 7 DE Admin. Code 1102 Section 11.6 dated 6/11/06, 40 CFR Part 60 Subpart A Section 60.11(d), Permit: APC-2010/0047 Condition 3.5, Permit: APC-2010/0049 Condition 3.12, Permit: APC-2010/0082 Condition 3.3, and Permit: APC-</p>	<p>equipment covered by this permit. [Reference Regulation No. 30 Sections 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>Each month, the Company shall monitor the operational standard of Condition 3- Table 1(l)(2)(iii), monitor all of the maintenance performed on equipment covered by this permit, and update records as needed. [Reference Reg. 30 Section 6(a)(3)(i)(B) and 6(b)(1) dated 12/11/00]</p> <p>vii. Testing</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>A. In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required by Condition 3- Table 1(l)(2)(vi). [Reference Reg. 30 Sections 6(a)(3)(i)(B) and 6(b)(2) dated 12/11/00]</p> <p>B. Any owner or operator shall maintain records of the occurrence and duration of any start-up, shutdown, or malfunction in the operation of an affected facility; and</p>	<p>Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Condition 3 – Table 1: Specific Requirements (continued)**

Emission Limitations, Emission Standards, Operational Limitations, and Operational Standards	Compliance Determination Methodology (Monitoring, Testing, and Record Keeping)	Reporting and Compliance Certification
<p><b>2010/0083 Condition 3.3]</b></p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>any malfunction of the air pollution control equipment. [Reference 40 CFR Part 60 Subpart A, Section 60.7(b), Permit: APC-2010/0082 Condition 5.3 and Permit: APC-2010/0083 Condition 5.3]</p>	
<p><b>3. State Enforceable Only- Odors</b></p>		
<p>i. Emission Standard:</p> <p>The Company shall not cause or allow the emission of an odorous air contaminant such as to cause a condition of air pollution. [Reference Reg. 1119 Section 2.0 dated 2/1/81, Permit: APC-95/0566 Condition 15, Permit: APC-03/0251 Condition 2, Permits dated 2/2/01 Condition 15, Permit: APC-2006/0174 Condition 2.3, Permit: APC-2008/0160 Condition 2.3, Permit: APC-2010/0047 Condition 2.4, Permit: APC-2010/0049 Condition 2.4, Permit: APC-2010/0082 Condition 2.5 and Permit: APC-2010/0083 Condition 2.5]</p> <p>ii. Emission Limitation:</p> <p>None</p> <p>iii. Operational Standard:</p> <p>None</p> <p>iv. Operational Limitation:</p> <p>None</p>	<p>v. Compliance Method:</p> <p>Compliance with this emission standard will be demonstrated by adherence to the appropriate monitoring, testing, and record keeping requirements. Compliance is demonstrated if the Company does not have knowledge to the contrary and has no prior history of exceedances. [Reference Regulation 30 Sections 6(a)(7), 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p> <p>vi. Monitoring:</p> <p>None</p> <p>vii. Testing:</p> <p>That required by Condition 3(b)(1)(ii) of this permit.</p> <p>viii. Quality Assurance/Quality Control:</p> <p>None</p> <p>ix. Record Keeping:</p> <p>That required by Conditions 3(b)(1)(ii) and 3(b)(2) of this permit.</p>	<p>ix. Reporting:</p> <p>None in addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), 2(b)(9) and 3(c)(2) of this permit. [Reference 40 CFR 60.48c]</p> <p>x. Certification:</p> <p>None in addition to that required by Condition 3(c)(3) of this permit. [Reference Reg. No. 30 Sections 6(a)(3)(ii)(C) and 6(b)(2) dated 12/11/00]</p>

**Permit: AQM-005/00004 (Renewal 2)(Revision 2)**

**Mountaire Farms of Delaware, Inc.- Millsboro**

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#### **Condition 4- Operational Flexibility**

- a. In addition to the operational flexibility specifically provided in the terms and conditions detailed in Condition 3 – Table 1 of this permit, the Owner and/or Operator is authorized to make any changes within the facility which contravenes the terms and conditions of this permit without a permit revision if the change:
  1. Is not a modification or otherwise prohibited under any provision of Title I of the Act or the State Implementation Plan (SIP); and *[Reference Regulation No. 30 Section 6(h) dated 12/11/00]*
  2. Does not involve a change in any compliance schedule date; and *[Reference Regulation No. 30 Section 6(h) dated 12/11/00]*
  3. Does not result in a level of emissions exceeding the emissions allowable under this permit, whether expressed herein as a rate of emissions or in terms of total emissions. *[Reference Regulation No. 30 Section 6(h) dated 12/11/00]*
- b. Before making a change under the provisions of Condition 4(a) of this permit, the Owner and/or Operator shall provide advance written notice to the Department and to the EPA in accordance with Condition 3(c)(2)(iii) of this permit. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*
- c. The Owner and/or Operator shall keep records of any changes made under Condition 4 of this permit in accordance with Condition 3(b)(2)(iv) of this permit. *[Reference Regulation No. 30 Section 6(h)(1) dated 12/11/00]*

#### **Condition 5- Compliance Schedule**

This permit does not contain a compliance schedule. *[Reference Regulation No. 30 Section 6(c)(3) dated 12/11/00]*

#### **Condition 6. Permit Shield.**

This permit does not provide a permit shield and shall not be presumed to provide such a shield. *[Reference Regulation No. 30 Section 6(f)(3) dated 12/11/00]*

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pc: Dover (Title V) File  
Melanie Smith  
EPA Region III

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**Attachment "A"- Revision History**

<u>Date</u>	<u>Number</u>	<u>Revision Type</u>	<u>Description</u>	<u>Pages Revised</u>
2/9/1999	--	Transferred Permit	Initial permit issued to Mountaire Farms of Delaware, Inc.	--
4/16/2003	--	Minor Modification	Renewal application due date- six to eighteen months of expiration	12
11/8/2004	Renewal 1	Permit Renewal	Renewal of permit; updated to reflect operating conditions and limitations.	--
3/23/2007	Revision 01SPM	Significant Permit Modification	Replace Dryers 3A and 3B (EUs 7 and 8) with Dryer 5 (EU 7).	1-48
12/6/2007	Revision 02SPM	Significant Permit Modification	Include Reg. 1144 for emergency generators and removal of non-applicable Reg. 24 Section 8 conditions for 10,000 gallon gasoline tank.	1, 2, 3, 5, 34, 41-53
1/2/2009	Renewal 2	Permit Renewal	Renewal of permit; updated to reflect operating conditions and limitations.	--
7/20/10	Revision 1	Administrative Amendment	Change Department address, Responsible Official Title, update Regulation format	1
8/16/10	Revision 2	Administrative Amendment	Replace Ingredient Receiving Baghouse (EU12) and Wastewater Emergency Generator (EU 61-I), typographical errors, formatting, general editing	All
8/29/10	Revision 3 01SPM	Significant Permit Modification	Replace Boilers 5 and 6 (EUs 1 and 2) with natural gas Boilers 1 and 2 (EUs 1 and 2)	All

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pc: Dover (Title V) File  
Melanie Smith  
EPA Region III